

The first part of the Key of Philosophie.

Wherin is contained most excellent
secretes of Phisicke and Philoso-
phie, diuided into two
Bookes.

1033. A.

2

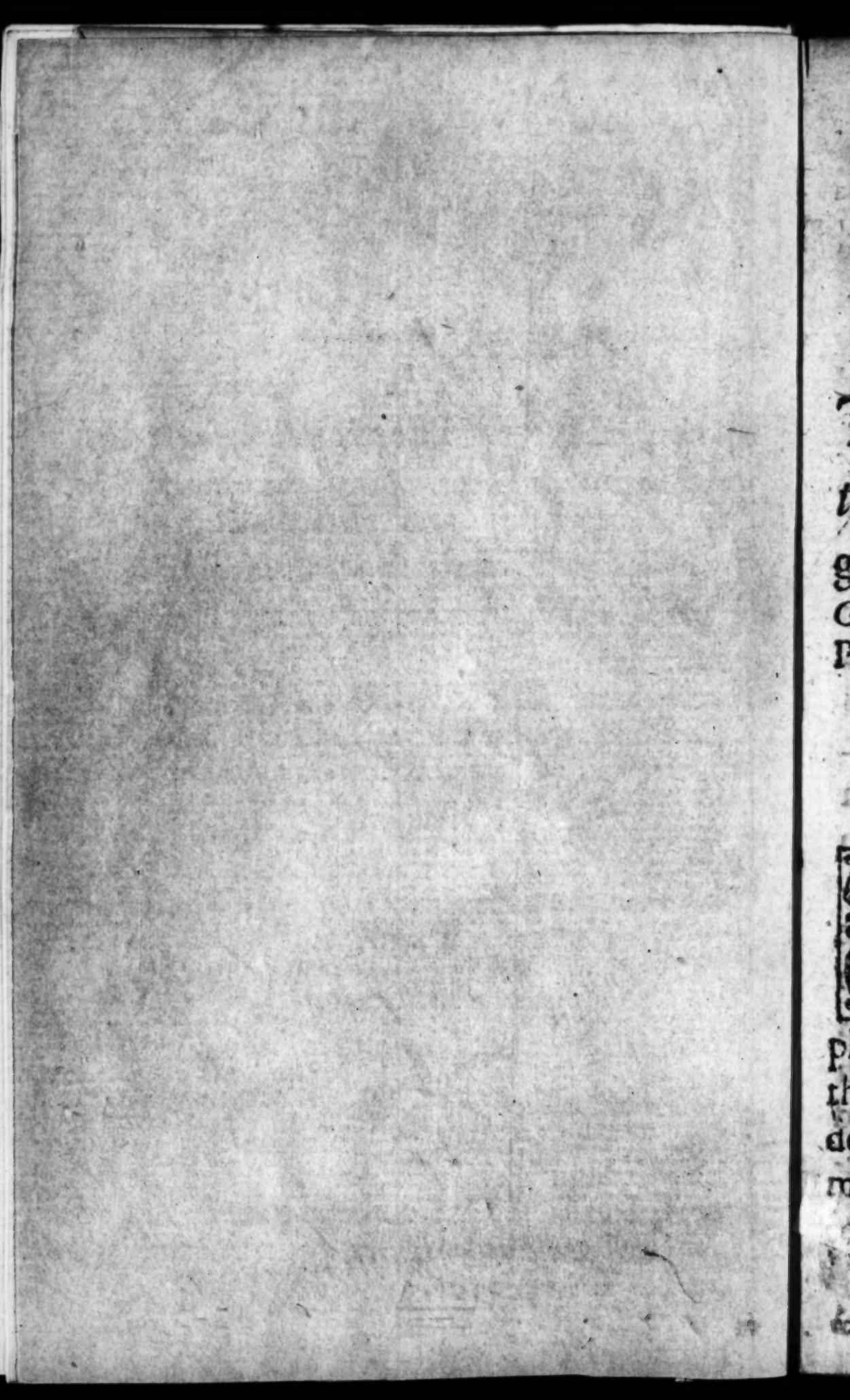
In the first is shewed the true and perfect
order to distill, or draw forth the Oiles,
of all maner of Gummes, Spices, Seedes,
Rootes and Herbs, with their per-
fect taste, smell and
virtues:

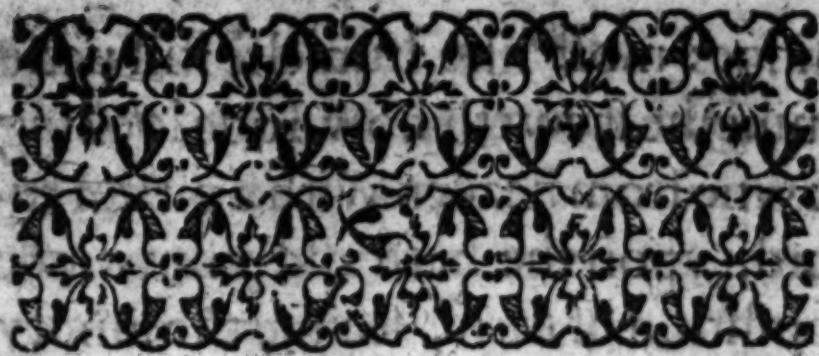
In the second is shewed the true and perfect order
to prepare, calcine, sublime, and refine all maner
of Mineralles, and how ye shall drawe forth their
Oiles and Salies, which are molt wonderfull in
their operations, for the health of mans bodie. First
written in the Germane tongue by the most lear-
ned Theophractus Paracelsus, and now publi-
shed in the English tongue by I O H N
H E S T E R, practitioner in
the Art of distillation.



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1596.





To the right reuerend fa-
ther in God, and his singular
good Lord Iohn V Watson by the
Grace of God Bishop of Winchester, and
Prelate of the right honourable order of
the Garter. I.H. wisheth health and
peace, and long life in Je-
sus Christ.



Retic and pithie is the
tale (my good Lord) that
Plato telles in his Prota-
goras, and somewhat ap-
plicable to my present purpose, and
therefore not absurd for mee to set
downe, to the better preffement of
my pretence. Among other his ex-
cellent inuentiones (as hee is in all his

THE EPISTLE

thinges most like himselfe still verie
divine) he sheweth how Ioue looking
downe from heauen with a pitiful re-
gard, vpon the hard and vntowarde
condition of men , seeing the londry
calamities , and infinite miseries that
they were subiect vnto , while yet
they liued sauage like beastes amongst
beasts, euery man leading his life after
the leuell of his owne lust: tooke order
straite with his winged messenger
Mercurie, to descend downe with ex-
pedition, with trauell to collect and
gather togither the dispersed multi-
tude, that so vnited they might both
be strōger to defend themselues from
the bruise beastes their common ene-
mie ; and lincked as it weie in a bodie
polli que, each presented as well with
the daily view of his ownewant, as
the contintiall shew of the like lack in
others , might with roynt assent and
consent (as driven by necessitie) ende-
avour to drue necessitie from them-

selues

DEDICATORIE

selues. For the speedier accomplishing whereof, he had in charge to establish a law, that if any amongst them were found vnfurnished with justice, and void of shamefastnesse, the same shuld be compred as an unprofitable droane among laboring bees, and shold suffer punishment accordingly. A worthy talk, and fit so worthy a Philosopher. By the which he highly deliuered in general termes, that which wee daily finde in particular proove : to weet, no common wealth, nor societie to continue long happy, where the members and partes thereof either for loue of iustice, or feare of shame are not like affectioned ech to other. Now least I shoule seeme to allowe of this tale in speech, and to dislike it in practise; I haue presumed by this bare translation, to testifie my forwardnes in furthering her that fosters me. And yet, is not my translation so bare (my good Lord), but that it carrieth in it,

THE EPISTLE

more plainnesse to the readers, then
perhaps they did find in the first writing.
For besyde that I haue culled out
their choise thinges, I haue from the
same choise prined, and cut off their
superfluities; I haue supplied their de-
fects, I haue laid open their obscur-
tie, & I haue shadowed their defaults,
neither yet arrogating to my self, nor
detragating from them, but as *Dies dicunt
docet*, So, *Experimentum experiendo con-
firmatur*. What my trauell herein shall
profite, I know not: but sure I am my
trouble in the triall of them hath been
great, my expences large, my proffes
painfull, and nothing at all heerein
pleasant save onely a little knowledge
that I haue got, aboue the capacitie
of the common sort, a thing sure that
I value far aboue the price that it cost
me. Which knowledge in dede such
is my grossenesse, or such the subtil-
tiesse of the matter it selfe that I can
casilier by demonstration shew it, then
by

DEDICATORIE.

by declaration teach it: and therefore
dare I not vnder credite warrant per-
spicuitie to all men, but to those that
are *Filiitatis*, I promise more then I
found, & yet found I more then they
hauing would willingly loose: to the
residue I may say, that as liennes sit,
but hatch not chickens in one day: so
men reade, but learne not arts in one
day. To you my good Lord, whose
countenance herein I craue for protec-
tion, whose iudgement and skill I
appeale to for fauour, I must needes
confesse they are not written (althogh
I oþ to haue them maisterlesse like
their maister, I am ouer bolde, to
shroud them vnder your winges) to
you I say they are not written, except
ouerladen v: ith the deepe and graue
mysteries of higher & more heauenly
philosophie, it may please you for de-
light, now and then to looke downe
into the plentifull and pleasant store-
house of Nature, a matter no doubt-

A 5 that

DEDICATORIE

that al your whole life time, you haue
been singularly delighted with, as
most plainly doe declare the singula-
ritie, that you haue happily attained
vnto in all and euery the parts of her,
no lesse to your great content at home,
then to your like commendation a-
broad : which because I can neither
praise to your desart, nor in praising
please your desire, I leauie to speake
further of: onely desiring your good
Lordship with your wonted clemen-
cie, to accept of this small testimonie
of my great good will, assuring your
selfe, that amongst the great number
of your well willers, there is no
one more dutifull then
your poore

John Hester.

To the Reader.



Xperience the Daughter of Time, the mother of Wisedome, the reward of travel, and the onely iewel of a few, the wiser is commonly good Reader, set out at so high a price, and valedged at so deare a pennymorit, that she hath euer moe cheapeners then Chapman, more lookers on her, then likers of her; and yet is she bought of some, although one dramme of her cost them a whole pound of reuenantce. To descend into the particulars, were but to tie thee to a wearisome tale, and to leade thee along through a tedious Labrinth, staffed full of examples of former age: a matter alreadie so open to the view of the whole worlde, that for mee to stirre further herein, were but to set a lighted candle in the bright sunne. Only for proofe, it may please thee (good Reader) to admitte the instance in my selfe. When I beganne first to take handes with the varietie of delights,

that

To the Reader.

that unstayed youth, are commonly carried away with: and looking backe (as it were ouer my shoulder) saw the vast Sea of sugerred miseries that I had waded through, I then beganne to thinke it high time to set downe a surer compasse to direct the remnant of the course that I haue yet to runne. And although at that time I carried in my purse sufficient wealth to support my calling, in my bodie sufficient health to maintaine my life: and those both so reasonable as might haue satisfied a reasonable man (were not Natu a hominum nouitatis auida) yet found I neither such content in the one, nor the other, as might longer content mee to continue in that state. But drawne on a while by this instinct or infection (I know not whether to call it) I was distruen at last by a greedy kinde of ielousie, to enuer the store that I saw in others, in respect of mine owne penurie: and therewithall I fell into consideration how I might become one of the small number of those, whom the greatest number wondered at. To enter the straight path that manie the learned had happily to their great commendation perfectly troden, I saw it almost vnpossible, vnlesse peraduenture I shoulde get me where the Muses dwell, to

Ox-

To the Reader.

Oxford and Cambridge : and there putting
my selfe apprentice seuen yeeres, to the seauen
liberall Sciences, might afterward become as
long journeyman I cannot tell to whome : and
in the end (as too many the learned doe) get I
can not tel what. This course yeeded so course
a liking, as I sooner passed ouer it, then into
it : and casting about againe with my selfe, I
was combred with a hundred other odde cro-
chets, all as farre beyond the compasse of my
reach, as they were short of the condition of
my liking, till at length in the middest of this
muse, I met in my minde with twy such mini-
ons, as in my conceit were the only Paragons
of the rest: the one gallant and gorgeous gar-
nished with gold and siluer, bedect with iew-
els, sole Ladie and Gouernesse of all the rich
Mines and Mineralles that are in the bowels
of the earth: the other sweet and odoriferous,
adorned with flowers and hearbes, beautified
with delicate spices, sole Lady and Regent of
al the pleasant thinges that growe vpon the
face of the earth. These I vowed to serue and
to honour, euен to the losse of life and limme:
neyther haue I greatly broken promise with
them, though they haue not kept touch with
me. Goodly and many golden mountaines they
pro-

To the Reader.

promised me, Marry hitherto haue scantily per-
formed any leaden mole-hilles But howsoever
the bargaine stand betweene them and mee, I
am neither disposed to accuse them, nor to ex-
cuse my selfe. We agreeate vpon Wages and
I ware their limeries : their cognusance such
as it is, I beare where I am not ashamed to
shew it: ducers and sundry their affaires haue
they employed mee in, in the which I haue
faithfully, painefully, and chargeably appli-
ed myselfe; and attained by their instruc-
tions (to mine owne destruction almoſt) manie
their hidden secretes as well in Mettalles and
Mineralles, as in Hearbes and Spices: parte
whereof I haue diligently collected together,
and for non payment of my boorde wages at
their hands am forced to ſet them with the re-
ſidues of my ſkill to ſale, with offer vnto the
(good Reader) of preferment to the best things
I haue: yet at a far easier pricē then they cost
me, being no leſſe my Summa ſummarum
eaſt vp, and the foot of my accounte ſet downe;
then the wasting out of my former health,
and the weareing of the little wealth I
had.

So that what experiences ſoeuer I haue di-
gead in flardſtone ſ, blowne out from hor-
-071

To the Reader.

fire, raked out from fawle ashes, with great
cost and greater travail, that hast thou beeke
in my Booke to see, and in my shopp
to vse with great ease at thy
commandments.

John Hester.

Topical Reader
for the use of Schools
and Families
in the English Language.
By J. H. Smith.
Price, 2s. 6d.

Topical Reader

A TRVE AND
perfect Order to make Oiles
out of all maner of Gutmnes, Spi-
ces, Seedes, Rootes, and Hearbes.

Wherunto is added some of
their vertues, gathered out
of sundry Authors.

To make Oyle of Mastickē.

Take the purest Mastickē
that may bee got which is
not misred with Sandzake
or such like, and beate it
to powder, then put it into
a glasse with a long necke, and put there-
in as much pure aqua vita as will cover
it thre fingers high, and then stop it close
that it take no ayre, then set it in warme
horse dung, or in a soft Walneo, untill it
be dissolved : then poure it into a glasse,
and put therein as much wine as you shal
thinke good, and distil it with a head, and
receiuere in sand, with a small fire, and
you shall receiuie both oyle and water

W. Fogel.

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A perfect order to make Oileſ.

togither, the which you shal separte one from another. Then increase your fire, and there will come sooth an other oyle which smelleth somewhat of the fire, and is best to be vſed outwardly. Ye may rectifie it againe with a small fire, and so it will come sweete.

The vertues of this oile. It is excellent against all cold diseases of the maw: it comforteth the liver and the lites, and all other inward partes of the bodie. Be-
ing drunken it helpeth those that vomite
or spit bloud: it coulumeth and breaketh
all inward sores. This oile being anoint-
ed on the belly it stoppeth the flire, it
stoppeth womaens termes; it is also good
for the mother that is fallen downe, if
you annoynct it therewith, and the vnder
parte of the bellie: it is good for young
children whose arse-gut commeth forth,
if you annoynct it therewith, and put it
up againe: it is also good for those that
are burst if you annoynct them therewith,
and let them weare a trusse fitt for that
purpose: it helpeth fresh woundes very
quickly if you annoynct them therewith,
and lay thereon a cloth wet in the same.

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A perfect order to make Oiles.

It fasteneth the teeth if you annoiint the
gummes therewith : it comforteth a
weake stomacke and causeth good disge-
tion if you annoiint it therewith.

This oile hath all the vertues of Ma-
ricke , but it is a hundredth times moze
fforce.

To make oile of Mirra.

Take pure Mirra that is new and fat,
firer ounces , and put it into a glasse
with a long pecke , and put thereon 12.
ounces of pure rectified aqua vita , then
uite the glasse fast , and sette it in horse-
ung vntill it be dissolurd. Then poure
it into an vrinall with a head , and a re-
siner , and distill away the aqua vita in
Balneo , with a soft fire , and the oile wil
remaine in the bottome , the which strain
ough a fine cloth , & keepe it in a glasse.
His vertues are these .

This oile by his naturall vertue pre-
uenteth all things from putrifaction that

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A perfect order to make Oiles.

is annointed therewith: likewise the face
and hands being annointed therewith, it
preserueth them in youthfull state, a long
time. It helpeth all stinking sores and
woundes quickly: it helpeth paines of
the eares, if it be put therein. It preser-
ueth the sight of the eyes, if you put one
or twoo drappes therein. Helpeth all
paines of the Mother if it bee annoyncted
therewith: it stayeth the haire from fal-
ling: if any be troubled with a Feuer,
let him annoynct his whole body there-
with, and laye him downe to sweate.
This oile dieth and consnmeth all acci-
dents after birth. Being dranks it ma-
keth a swete breath, and helpeth the
cough, it is god against shott winde: it
helpeth the stich in the side if you drinke
thereof one dram: it stoppeth the flurke of
the belly: it maketh a cleane boyce. The
arme-pittes being annointed therewith,
it taketh aways the stiche from those
partes: if ye mire it with wine and wash
the mouth therewith, it will comfort the
gummes and fasten the teeth: it is also
god for woundes in the head.

If thou wylt vs this oile to preserue
any

5

A perfect order to make Oiles.

any part, you shal vse it in this order, firs^t make a bath with some swete hearbes, and then hold that part the which you wil preserue ouer the same, that the poares may open, then drye it with a linnen cloth, then annoynt it with this oile and chafe it in: that being done, if there remains any yellownesse of the oile, yee may washe it away with white Wine. This oile would bee occupied when you are in the stew or hot house.

To make Oyle of Storax liquida.

TAKE the purest Storax that you can get, and put it in a glasse, with a long necke, and set it in horse-dung for a moneth, then take it smooth and distil it in an Urinall that hath a wide mouth, in sand, with a gentle fire, & you shall haue both oile and water, the which you shall separate, and keepe to your vse.

Risius writeh in his great booke of Distillations, that this oile hath the same vertues that the oile of Pirra hath: but that it is a little more hot and piercing.

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A perfect ordet to make Oiles.

To make Oyle of Storax Calamite.

This oyle may be made diuers waies,
of the which I will shew you the best.
Take the yarest storax that yow can find,
and beate it into powder, then put it into
a long necked glasse, and put theron
pure rectified aqua vita, and lute the
glasse, then set it in warme dung, or
in a soft Balneo a moneth. Then distill
it in sande with a small fire, and thou
shalt haue both oyle and water, which
you shal separate. You shal understand,
that towardes the end of the distillation,
there will ascend a certaine matter like
mannas, the which is pleasant.

The vertues of this oyle. Three or
fourre dropes being drunke, it comforts
the brest and lungs, and all inwardes
partes: it helps the paines of the mother
if it be drunke, and also annoiint those
partes therewith: it stoppes the rheume
that falleth to the brest and necke: this
being drunke, it makes a man mery, and

A perfect Order to make Oiles

of light courage, but beware you take not too much. If you put twoo or three drops into the eares, it takes away the ringing in them.

To make Oyle of Benjamin.

This is made as you made the oyle of Storax Calamite, and is onely used in perfuming: some distill this Benjamin with rose water, but I thinke it wil not be so perfect in smell, nor so easily done.

To make oyle of Galbenum.

Take the pprest Galbanum thou canst get, and putt it into a glasse, close luted, then set it in balneo Marie vntill it be dissolved, then distill it with a soft fire, and then will come forth a faire yellowe oyle, the which ye shall separate.

This oyle being drunk, is good againte an olde cough, and for such as are shorte winded, and can not easily drawne their

A perfect order to make Oiles.

breath, but are alspates panting & breathing. It is also verie good for such as are broken, and brased within, & against crampes, and shrinking of sinewes. This oile being drunke in wine with oile of Mirra, is good against al venome drunken, or shotte into the bodie with venomous darteres or arrowes. Being taken in the same order, it prouoketh womenes termes, and delivereth the dead childe. It bath the same vertue, if a perfume thereof bee received in the secret partes. This perfume doeth also helpe women that are griued with the rising, or strangling of the Mother, and them that haue the falling sickenesse, and being layed to the nauell, it causeth the matrix or mother, that is remoued from his natural place, to settle againe. This oile doeth mollifie and softe, and draweth forth thornes, splinteres, or shiuers, and cold shumours, being mixed with any convenient unguent. It is good to annoynct the hyside against the stroping and hardnesse of the hant. The perfume or sent of this oile driveth away Serpentes from the place where it is burned : and no venemous beast

Or
A perfect order to make Oiles.

beastes haue power to hurt suche, as bee
as annointed with the oile of Galbanum, and
if ye mire this oile with the roote of An-
gelica, or the seede or roote of Spandilum,
and touch any Serpent or venomous
beast therewith, it causeth them to die.

To make Oile of Sagapenum.

Take this Gummie and dissolue it in
Strong Wine, in Balneo Marie, and
then distill it in the Hand with a gentle
fire.

This Oile is good for the lithke in the
side: It taketh awaie the cough that hath
continued long: It helpeth the swelling of
the breast, wherby the breath is stopped.
It is very god against the cramp: It war-
meth the ioints, and helpeth the pains of
the hips, and all such like diseases com-
ming of cold. It is good for women that
haue great paine in their chilbed, if you
anoint the nosethills therewith: For it
drineth forth both the quicke and the dead
fruite quickly: beeing drunke with wine
it helpeth against poison, & is also good a-
gainst

A perfect order to make Oiles.

against the biting of an Adder : being put into the eie it taketh away spottes: You shall note, that women with childe must take great heede of this oile.

To make Oile of Opoponax.

This is made as is aforesaid, and his vertues are these.

If you drinke three or fourre droppes with Wine , it helpeth the Cough and all impedimentes of the Milte : it helpeth also all impedimentes of the Blas- ther , and clenseth it of all scabbes and sores : it helpeth the stitche in the side: it causeth speedie deliuerie in women with childe : it helpeth against winde in the Matrice, and dissolueth the hardnesse of those partes , and causeth the paine to cease.

To make Oyle of Euphorbium.

This is made as is said afore, and his vertues are these.

We shall note that this Oile is not to be occupied inwardly, by reason of his great

A perfect order to make Oles.

great heate: except it bee mired with some other thing, as if it bee mired with bonnie it purgeth the belly maruellously: it helpeth those that are troubled with obliviousnesse: if yee annoint the partes therewith: it draweth forth thorns and such like out of the flesh: it helpeth the biting of an Adder: it is also good for stynesse of the ioyntes commynge of cold, if yee annoint the partes therewith.

To make Oile of Ambre or Succinum.

Take Ambre and heate it to powder, and put it into a glasse with a head and a receiver, and distill it in sand with a gentle fire, and there will come forth both oile and water, the which ye shal separate one from another.

This oile being perfectly distilled, is good against paines of the head, and resolution of sinewes, and against swimming in the head, and falling sicknesse. If yee drinke thereof three or four drops in the morning

A perfect order to make Oiles.

morning with Pionie water, it preser-
neth a man from all poysens and pernife-
rous aires, if yee annoint the nothbris
therewith, or put it into some medicine
fit for that purpose. It is excellent against
diseases of the Blather and Raines, and
drineth forth the stone, and prouoketh
urine, if yee drinke it with Palmesie, or
Parcelie water, or such like. It helpeth
the cholicks and choking of the Matrijs,
if you also annoint the parts therewith.
It drineth forth the fruite, and causeth a
woman to be faire delivered, if she drinke
three or four drops, it is good against al
strokes of the head.

To make oile of Amoniacum.

Take this Gumme and put it into a
glasse, close luted; and set it in warme
dung, or in Balneo Marie, until it be di-
solved, then distil it in Sand with a head
and a receiuer, and thou shalt haue both
oile and water, the which yee shall sepa-
rate one from another: yee shall under-
stand that there will come forth more
water then oile, as I haue prooued ma-
ny times.

This

A perfect order to make Oiles.

This oile helpeth the cough conaining
of moisture : it purgeth the breast , and
helpeth Ulcers in that place , three or
four drops being taken in an egge:it
helpeth paines in the side, if ye annoiint
it therewith . It dissolueth all hardnesse
and swellinges , and taketh away the
paines of the goute. If ye mixe this oile
with as much oile of Galbanum , and a ve-
rie little oile of Wormwood , and annoiint
the Milte, it taketh away all the paines:
being mixed with oile of Wormwoode,
and annointed in the Nauill it killeth
wormes.

To make Oile of Sarcecola.

This is an excellent Balsame against
all woundes , and filleth them with
fleshe : it purgeth all olde sores, without
paine and smart, it breaketh hard im-
pomes, it helpeth all running eies, if you
use it in a Collirre:it helpeth wheales in
the eie lids : Being drunke with wine it
helpeth the reume that falleth to þ teeth,
& soþ that causeth it is bled of those that are
troubled

A perfect order to make Oiles.

troubled with abundance of slegmaticke humours : You shall note that this oile is specially vsed in freshe woundes and olde sores . This oile is made as you made the oile of Serapynnum.

To make oile of Castoreum.

Take the fattenest that thou canst gette and stampe it well , then put it into a glasse , and set it to putrefie in Balme Marie fine or sise dates , then distill it with a soft fire , and thou shalt haue an excellent oile .

This is good against al cold Cramps and Palsies , being mixed with Rew and Vineger : and put into the nose thilles it comforteth the braine , and taketh awaie paines of the head . Being annointed on y^e neck and also drunke with Wine , it helpeth much those y^e are troubled with the falling sicknesse : It helpeth convulsions and paines of the sinewes , if you annoince them therwith : being drunk with pepper and Hidromell , it pronoketh wemens fermes and also the fruit , it warmeth cold places ,

A perfect order to make Oiles.

places, it is also excellent against Appen-
dix, it helpeth those that are deafe, it
mooueth venery. It helpeth the Cholick
and the suffocation of the Matrice, and
strengtheneth the natural partes.

To make Oile of Frankencense.

Take Frankencense as much as you will,
and put it into a retorte of glasse, well
closed: And put therunto for euery pound
of stuffe, four ounces of cleane Sand,
and then distill it with a gentle fire, un-
till all the substance be come foorth, and
thou shalt haue both water and oile, the
which ye must separate.

The water is good against Winde in
the Stomacke if it bee drunke: it is also
good for choppes in the handes and feete,
if yee walsh them therewith, and an-
oint them with the oile against the fire,
and straitwaies put on a paire of gloves,
and so doing three times, they shall be
whole.

This oile helpeth simple woundes in
three or four daies, if yee annoiint them
therewith, and late thereon a cloth wet
in

A perfect order to make Oiles.

in the same, it preserueth all flesh from putrefyng and alteration, and taketh away the paine : It helpeth all aches and bruises if ye annoint them therewith. Ye shall note that you must vse no tent where you occupie this oile, but wash the wound cleane and ioyne it or sticke it close togither , and then lay thereon a cloth wet in the same, for if ye fall a tentering, ye make worke for the Surgeon.

To make Oile of Turpentine.

Take pure and cleane Turpentine as much as you will , and put it into a glasse, so that thre partes be emptie, and put therein a certain quantitie of Sand, as much as you shall thinke good , then distill it in sand with a soft fire, and there will come forth fourre licours : The one is a cleere water, the other a cleere oile, the third a yellow oile, the fourth a redde and stinking, the which a number of Poticaries doe sell in steed of Baulme : You shall note that the first oile is hote, the second better, the third hottest of all , and

A perfect order to make Oiles.

not so good to occupie inwardly, as the
Aile.

Falopius in his book of secrets writeth,
that this oile will helpe frache iuoudes
in foure and twentie houres, if yee an-
oint them therewith; and lay thereon
a clothe wet in the same. It is good ag-
ainst contraction of shewes contyning of
cold: it prouoketh Urine, if ye drinke one
dram of the first Oile in white Wine: it
breaketh winde in the bodie, and distelle-
veth the Plurisie and Pestilent feuer:
it prouoketh an appetite if ye annoyle the
stomacke therewith. It helpeth against
cold diseases of the Pawe, and helpeth a
Cracking breath, and the coughe.

To make Oile of Waxe.

Take new yellow Waxe almyghty as you
shall thinke good, and melt it on the
ires, then poure it into sweete Wine,
and boyle it betweene your handes,
then melt it againe, and poure it into
wine againe, and this you shall doe ffor
sixe times at the least, and after
one you shall haue frach wine, then at

A perfect order to make Oiles.

the last you shall put it into a reforfe of
glasse, wel lated with his receiver, and
distill it in Hareld, and there will come
forth a faire yellowe in Dyle, the which wil
congele like pap when it is colde. Be that
understand that for every pound of wax,
yee shal put thereto fourre ounces of the
powder of bricke into the glasse.

Raymonde Lullie greatly commendeth
this oile, approouing it rather to be a ce-
lestial or divine medicine, then humaine:
soz because this in wounds worketh most
miraculously, which for his maruellous
commoditie, is not so wel to be vsed of the
common Chirurgion: Because this pte-
ctious oile healeth a wound bee the same
never so bigge or wide, being afore wide
stitched vp, in the space of alauen daies
or twelue at the most: But those that are
small, this oile healeth in three or four
daies, by anointing onely the wounde
therewith, and laying thereon a cloth
wet in the same.

Also for inward diseases this will work
wonders: for if you glue one dozen
at a time to drinke with white wine, to
staunch the bleeding of the baire, either on
the

A perfect order to make Oiles.

the head or Beard, by anointing the place therewith: whereon it is excellent in provoking of Urine which is stopped: it helpeth Itches and pains in the loins, if you drinke the solesaid quantitie with white Wine: It helpeth the cold gout or Sciatica, and all other griefes commynge of cold. Yee shall understand, that if you rectifie this oile it wil congele no more, but then it will be too hote to take inwardly, for it pierceth miraculously, and is good to be mixed with other medicines to cause them to pierce the better,

To make the Quintessence of Honey.

Y^e Du shall understand that Honey is a liquor rather diuine then humaine, be^t cause it falleth from heane vpon y^t herbs, and is such a sweet thing, that the like can not bee found vpon the earth. And this Raymonde Lallie calleth the flower of flowres, because Bees gather it vpon the flowers in the field. And truly it is a most strange thing if wee would consider þe M

A perfect order to make Oiles.

the qualitie of honey and water: and therfore the wise Baruch Arabicus in the Academie of Antioche did write this sentence, *Mel deniro, & olio di fuori*, satisfying vs by this, that honey and oyle were the first two licours in the world: And truly it is so if we consider well, as it may well be prooued by holy Scripture.

The order to make this Quintessence is thus. Take two pound of perfect pure honey, and put it into a great glasse, that fourte partes of flue may remaine empennie: Lute it well with a head and receiver, and glue it fire untill there appeare certaine white fumes, which you shall turne into water with wetting of clothes in cold water, and laying them on the receiver, and head: and they will turne into water of a red colour like blood. When it is al distilled, keep the glasse close shut, and let it stand til it be cleere, and in the colour of a Rubine. Then distil it in Balzino Mercurie at least six or seven times, and so it will lose his red colour, and remaine in the colour of golde having a great smell, and so pleasant that the like can not be found in the world.

A perfect order to make Oiles.

This Quinnessece dissolueh gold, and maketh it potable, and like wise any sort of Jewel that is put therin. It is of such vertue that if any be a dying, and drinke two or three drammes thereof, presently he wil recover, as the Quinnessece of Wine wil doe. If you walke any wound therewith, or other soye, it wil heale quickly. It is also good against the Cough, Catarrre, and paines of the Milte, and many other diseases which I will not speake of; for but few, and they very hardly, wil belieue the great vertue and operation thereof.

I gaue this syre and fortis batcs unto one that had the Palse, and he was holpen. It helpeh also the falling sicknes, and preserueth the body from putrifac-
tion, so that by these you may perceiue that it is a celestial medicin. If there-
fore anie vertuous man would take a lit-
tle paine, in the experiance hereof, bee
shall doe wonderfull thinges, as ma-
ny times I haue done, so that the peo-
ple deemeid that I wrought by In-
chauncement, when as indeede I did it
by vertue of this licour, ministering the

A perfect order to make Oiles.

same so patiuily that they coulde not see it, which fell out to my great honour, and benefite of the sick, as you shal reade in my *Thesauro della vita humana*. And therefore I woulde wylle them that professe phisick, and Chirurgerie to vse such ex-
perience, whereby commeth honour and
gaine to the Phisition, and profit to the
patient.

*To make oile of Lignum-vitae wood
and hinc-vitae or Guascum wood, wch is
solvent oile, or the oyle of the wood.*

Take the fieshest Wood that thou canst
get, and make it in powder, then put
it into a vessell of glasse well luted, and
set it in horse doong, or in Balneo to di-
gest, then take it forth and distill it with
a gentle fire as thou wouldest distill
Nutmegs, and thou shalt have both oile
and water, the which thou shalt separate
by themselves : then take the feces and
put it into a new earthen pot, and set it in
a furnace of reverberation, until it bee
burnt into ashes, then take that ashes &
make thereof a lye w^t sumetarie water,
and when thou seest that the ashes will

make

A perfect order to make Oiles.

make the water no more sharp, cast them away, and let the water settle cleer, then vapoure away the water with a soft fire, and in the bottome will remain a salt, the whiche you shall dissolve and congele vntill it be cleare, and faire, as *Sal auron de Entallie*, then keepe it to thy use: the wafer is to drinke with wine.

The oile is to answere the sores or aches, and the salt is to purge, and the order to use it is thus: Either in the Poore Goute, or the Palsie.

First you shall purge the patient well with this. Take of the salt half a scrapple *Theriaca Alexandria* two drammes, mite them and giae them thereof halfe a scrapple at a time: You shall glue this three or fourre times, according to the infestation of the disease, for in this salt is vertue to purge all humours that causeth the Goute, the Palsie and the Poore, and such like hath not bee ne fained, neither by vomiting or purging. Then when the patient is well purged, if the patient haue anie sores or holes, you shall mundifie them with this salte, and when they are mundified, you

A perfect order to make Oyles.

Shall dresse them swise a day with the oyle, until they be whole, but if the patient have no holes, you shal annoint these places wheres hee feeleth ache or griefe: Also every morning earely in his bed, and at night an houre after supper, you shall give him a good spoonfull of the water with rennynge waine to drinke, and let him sweate thereon well, also he shal vse this with his meate if he wil. We shal understand that the cure lieth not in meate nor drinke, but in the medicine, and therfore keepe him not too hungry: but let him haue good meate and well seasoned with salt, and let him drinke wine, and so vsing this order, thou shalt be able to helpe the Gente, Pore, or Palste.

To make Oyle of Butter.

Take newe fresh Butter as much as you wil, and put it in a retarte of glasse, wel luted: and there will come forth threec licores, the which thou must separate.

This oile dash pearce maruellously, and taketh away the paines of the gent.

A perfect order to make Oiles;

if you annoyn them therwith: if you annoynt the handes and face therewith , it will preserue them faire : it is also good for those that are troubled with a Catarre, if you give them thereof an ounce fasting , for presently it arriueth to the stomacke and mollifieth the Catarre, in such order as you shall spit it forth at the mouth.

To make Oyle of egges.

Take egges and scathe them hard, then take forth the yelkes and scamp them in a moyster , then put them in a frying panne, and set them over the fire , and continually stir them until you see them turne to oyle, then take them forth, and put them into a canvas bag and presse it forth. This oile helpes wundres with great speed:it makes the hair of the heare or beard blacke:it takes away the pains of the emerodes , it is excellent against burning with fire or scalding with water ; you shall understand this oyle may be made very perfect by the arte of distillation without impulsion , as I haue pauid divers times.

A perfect order to make Oiles

¶ Heere beginneth the order to make
Oyles of all maner of Spi-
ces and Seedes.

To make Oyle of Synamon.



The Synamon as much as
you wil, and stamp it gro-
sly: then put it into a glasse
with pure aqua vita, and
so let it stand five or sixe
dayes, then distil it with a linal fire, and
there will come forth both oyle and wa-
ter, the which you shal separate one from
another, for the oyle will sinkse to the bot-
tome: some use to distil this with wine,
and some with rose water.

You shal understande that this oyle is of
a maruelous nature, for it pierceth tho-
rough the skinne bones, and is very hot and
drye, and is good against al cold and moist
diseases; and is special for the heart and
head: insomuch that if a man late speech-
leesse, and could scant draw his winde, if
he would

A perfect order to make Oyle,

would presently recover him againe, so
that his fittie be not yet conuermoss mira-
culous tuisse: and to be shoyt, this oyle is
of such operation and vertu, that if a man
drinke never so little, hee shal feele the
working in hisingers and toes with
great maruest, and therefore to be shoyt,
it pierceth through the whole body, and
helpes alsoiseases that are come through
cold and stagnatioune matter. This oyle
is hot and sharp: it digesteth and maketh
thyne, and drayeth downe swetnes
termes: it helps wodmen that haue great
pains and smart in their trane, bringes
forth their fruit, if yong (no ther patient
a little of this oyle, with oyle of Myrra in
wine to drinke, and anoynt the partes
therewith. The face and hands being an-
ointed with this oyle, it drayeth away
the mselles and spottes: It warmeth the
breast, & helps the colt cough: it cōsumeth
all cold fures that proued from the bynn
and head, and causeth quiet sleepe: ioyce
This oyle may be compared in efficacie
of the natural baulme for many diseases
ye shal note that the water of cinnamon
is also good agaist the aforesaid diseases
but

A perfect order to make Oyle.

but yet nothing of so much force as the
oile, for one drop of oyle will doe more,
then fourre spoonfuls of the water, there-
fore they would be bised together.

~~To make oyle of Cloves.~~

This oyle is made in this order: Take
the best Cloves thou canst get, and
beate them grossely, then put them into
pure wine into a glasse, with a long neck
close lated, then let it in warme ho-
using the space of a moneth, then distill it
in sand with a soft fire, & thou shalt haue
a faire oyle, which wil sminke to the bot-
tome, the which you shall separate: and
his vertues are these,

It strengtheneth the braine, head, and
heart, and reneweth the spirites, it seru-
eth against all colde diseases, it conser-
veth all euill humor: being outwardly
applied, it hath great vertue in healing,
and may be applyed in steeds of balsme
for boundes. One or two droppes taken
in the morning with wine helpe a strin-
king breake: it makes the heart merrie,

A perfect order to make Oyle.

and cleanseth the filthinesse thereof, and openeth the inner that is stopped : being put into the eye it clarifieth the sight : it comforteth a colde stomache, and causeth good digestion, it purgeth melancholie : this oyle may bee made in *manus Christi* with sugar, and they wil haue the aforesaid virtue and strength.

To make Oyle of Nutmeggs.

This oyle is made as the oyle of cloves, and will swimme vpon the wine: but if you distil this againe in *Balneo*, it will be most pure and subtle, and may be kept in hundred yers in his perfect strenght and vertue.

This oyle being drunke with wine kineth downe wemens termes, and alio the quicke and the dead fruit : and before women with childe shal not occupie this oyle, until such time as they be in travell with childe, and then it causeth hem to be faire delivred without paines and danger : being drunke with wine it kineth all paines of the head conserning

A perfect answer to make Oiles!

ming, of sedde : it consothes the heart, and
opereth yper's malit, and kibbes, and
such like : it is excellent againte beating
of the heart, and faintnes and swooning,
if yee drinke thereof and anoint the regi-
on of the heart therewith : it makes god
blood, and expelleth flegmatike and me-
lancholie humours, and makes a man
merry : beeing vsed at night it takes a-
way al fancies and dreames : if any had
a wound, or had broken a ribbe within
him with a fall, let him drinke this oyle
with any slight wound drinke, and it
wil helpe him although hee were almost
dead : it is god in all filthie sores which
are counted incurable: it is also pretious
for all cold diseases of the ioynts and sin-
ews : it makes a sweete breath : if the led-
splene doth swel, yee shall anoint there-
with the left side : it helps al effectes to
the blather if it be drunke: a salup

To make Oyle of Mace, a white Oyle.

This rule is made as aforesaid, and in
hote in operation, it bath great vertu
against the cholticke which commeth of the
zeale.

A perfect order to make Oiles.

colde causes ouer a rheume, descending from the head: it comfortes the heart, the stomach, and the stomak, it is good in the strangurie, and all colde diseases: if you drinke thereof thre or four drops fasting with a spoonful of wine or broath, or eat twoe of these mannes Christe made therewith.

To make Oyle of Pepper.

This oyle is distilled as is said afore, and is very cleare and light, and his properties are these.

This oyle hath more vertue then the pepper hath in piercing, and specially in the chaliche, and other weake places filled with rheume, if you take thereof three or four drops with one scruple of the juice of a Quince, two hours before the fit, after the body is well purged, and let blood, it stayeth also the shaking at the first time or else at the second, it taketh away the fit.

You shall understand that this oyle is only the ayrie part, separated from the other elementes, I saue once this oyle is made

A perfect order to make Oyle.

Made of a Germanie, whiche haue the per-
fum of saffre, sandal, and smell, and was so
hot on the tongue as oyle of vitriol.

To make Oyle of Saffron.

Take the best saffron thou canst get,
and put it into a glasse, and put there-
on pure rectified aqua vire, then lute the
glasse fast, and set it in warme boise-
ding a moneth : then distill it in Balnos
Marie with a hot fire, vntil al the aqua
vire be come smooth : then take forth the
saffron and press it in a presse, made for
that purpose, within a strong canuasse
bagge, and you shall haue both oyle and
water, which you shal digest five or sixe
dayes, and then separate them by art.

If this oyle be drunken with wine it
makes a man merrie, and to haue a faire
color: if ye annoynct the temples of a man
overcome with drinke it will helpe him.
This oyle being annoyncted on S. An-
thonies fire it quencheth it, & preserves
the place: this oyle being mixed with wo-
menes water stoppeth the running of the
eyes:

A p[re]f[er]t order id make Offic[er].

Take a blacke radish roote cut into thinne slices
and lay them upon a white cloth in a chescum
boxe, and lay a cleane white cloth vpon them, lay
by deuine handes and the constant booke
beneath vpon it, also stote such as were made
concerning the chescum, therewith a cle
ane chescum soe saueing the toppe of it, and
an oyle of the radish, also vpon the same layed
thereon, and soe : 7e shall haue a pouerfull
Medicamente of yron, and gold, also
and iron blistre, also a pouerfull reme
Take as many radishes as thou wylle,
and beate it glosly, then infuse it in
stronge wine fourteene dayes, and distill
it in a gourd with a head and receiver, in
fallow grounde, and then take the distillate
the booke, lay it vpon the radish sepa
rate.

¶ This will helpe against all manner of
bleeding, falling, and such like maladies
as haue to do therewith. Also put all manner
of the radish pouage to bed, and an
ayngel paties a pouerfull poule, allow
fourteene dayes to drye, and lay it
vpon the booke wher the radish was
gathered, then bring to the radish to the
place, from whence it was taken, and lay the

A perfect order to make Offices

the mouth with a white cloth bound about
the head and a white cloth bound about the
waist and do i ther forth upon my backe. it is
most excellent for those that are greate
swindred, and can not feede their selfe with
but with great paine : it comforteth the
breast and lungs: it breaketh the stone in
the reines and bladder : it is good against
the blouthe wincam pilles. If any cheue
be annoynted therewith, it will not suf-
fer mouthes to bridle therewith as cap. T

This is made as follows: saide rind his
leaves and those: It is most excell-
ent against all maladies of the eyes. Also
work about it a gowne, he shall not blinde if
you like recover his sight againe, if you
drinke thereof once a day, and drapp and
drop into the eye morning and evening:
it maketh a man to be bold, and comforteth
the heart of a man, he removeth all comforde
the malice, and openeth the liver and gall
that is forme, and removeth the heatte of the
liver and gall, and removeth the heatte of the heart.

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A perfect order to make Oiles.

It be : in one vialle 3 ye and 3 oylapples
with cold waters, and the color of a lily
with water like Philosophus Hermans.

This oyle will helpe Exanthems, & scald-
ing the bloud in the reines, and prooues
good against the aches and bothe : It conuerteth
the wromache and breaketh wimpe, This
oyle may be made in manner Chrys/it, hony
sugar, and is very pleasant, and hath the
selle same vertue.

To make ayre of Camphire folde and

Incinerate this vialle yeres 3 ons . 3 d^r : chrysom salt cal ons , saffron will good
This oyle is made as before let it stand
3 yeres 3 d^r in a drye place where it may
not scatter and breake all the wimpe of
the stomache, the belly, the boordis and
matrice : also it is singular against gnaw-
ing tormentes, and gnawings or fret-
tings of the belly, that comy to be lesse in-
wardly, but to be put into glitters, or to
be layed to bedwardly hollie hairy brest.
This oyle being bytten or mynded to
good to thys spetificall cure of the same.

A perfect order to make Oiles.

temous benefit: this oyle either eaten in
Manner Christi, or dranke is very profit-
able for such as have the cough and han-
gation colds, and for those whose bowells
are charged or stopped. This oyle being
too much used, decayeth the naturall com-
plexion and lively colour, causing one to
look wanke and pale; which is good
against answering, and alwaies yeldeth unto, and
cureth small pustles.

To make oile of Carraway seede.

This oyle is made in the aforesaid or-
der, and is very good and convenient
for the stomacke, and for the mouth: it
helpeth digestion, and poureth barme:
it strengeth and dissolueth all kind of win-
dowes and blastings of the inward parts.
And so conclude, it is answerable to the
oyle of annis seede, in vertue and operati-
on.

To make Oyle of Dill seede.

This oyle is made in the aforesaid or-
ders: This oyle being eaten in
Coughes, and pulke with fraine, cōfēteth too-
thoman.

A perfect Order to make Oyle.

men to haue great plente of milke : It
driueth away bendesitte & soothnesse,
and swageth the blaſtings and griping
torment of the belly ; it staieth boyning
and laſtis, and pouereth paine : It is ver-
y profitable against the ſuffocation or
ſtrangling of the matrix ; if ye cauſe the
woman to ſit ouer the fume of it in a cloſe
ſtalle, for that purpoſe this oyle being ea-
ten in manys Christi ſtaieth the yere or bi-
queſt.

This oyle healeth hollow and moyst
victers, and especially in the ſhare or pa-
up partes, this oyle doth digett and re-
ſoluſe and ſwage paine, and riþoneth all
rawe and vntripe humours. This oyle
may not be too much uſed inwardly, for it
diminueth the ſight and the ſede of ge-
neration.

To make Oyle of Parcell ſeeds.

This oyle is made in the aforesaid oyl-
er, & his berries is to open obſtruc-
ons of the iauer and honyes : it pouer-
keth metherue, if it be ſunkie with con-
uenient liuers : it tauleth a good appre-
tite and digettione, and comforteth the ſo-

A perfect order to make Oiles.

tracte : it drincketh smoth the herte and
grauell and provoketh wine, and is a
remedy against al popsons : it drincketh or
say all blastings and windewelle : it is
also good against the cough if it be mixed
with medicines made for that purpose.

To make Oyle of Rew or Herbgrace.

This oyle is made of the seede of Kelm
being peatrified in wine.

Cardanus wryteth that this oyle being
perfectly made, is of great vertue against
popson being drunke with wine, for it
canseth the pacient to auoyd it by vomit,
at the first time he taketh it : and at the
second time it expelleth the other euil hu-
mours that are infected therewith : and
at the third tyme it cures the pacient and
maketh him whols : and this is done in
three or four dayes : it helpeth also all
diseases of the eyes, of what cause soever
it be, so that the apple of the eye be not
perisched. The use of this oyle to the eye
is to anoint it therewith twice a day,
or wash the eye with the water of it two

and

A perfect order to make Oiles.

and bothe out of two druppes into the

spoon and anising can alredyone drinke

This syule being dranke suffere none
poyson to remayne in man that dray : if a
man dranke therof lasting which is long
incorrompt, and that the other cure be helpe
accordingly he shall easily escape. This
syule being dranke taketh away the goot,
and droppeth sprung of a cold cause : it re
stors al nummred members taken with
the palls if you anoint them therer
with.

*Cardanus also affirmeth in his Secunda
booke de Subtilitate, that there are certain
poysons which slay with their onely tan
ching, against which poyson saith he, the
best remedie is, not so farre in any place
but till the hand ware hot, but often bathe
the partes with warme water, and an
oint them with oyle of Rose perfecitle
distilled.*

To make Oyle of Imponges and Rose

This syule is made as is before said, and
is good agaund these diseases followyn
gnes and al other such as colynies and
sores.

A perfect order to make Oils.

Against gripings or wind in the guts: against Gonorrhœam and paines in the necke conuenting of a Catarre: this oyle may be compared to baulme, three or four draps being drunke: it both preventeth the resolution of the wens, the falling sickness, and other diseases of the braine: it purgeth the boode from all poison and pestilent aires, it removeth a cold stomache: it stayeth vomitting: it purgeth the reines: it breaketh the stone, it pouereth brine: it helpeth the chollicke and paines of the guttes: it helpeth paines in the stomake and lungs: it is good against the dropsie and water betwixne the skin and the flesh: it killeth worms: to be shott, it getteth all sick members: by the vertue of his piercing being applied outwardly, it trieth conumptions: it helpeth scabbes and olde euill wclers: it helpeth paines of the hips, the gowt and chollicke: it helpeth the chops in the handes and fives.

Philippus Harmanus writeth, that if this oyle be rectified againe, it will bee a hundrede times more power and more piercing, for I have saue those that come
not

A perfect ordē to make Oile.

met make boyle in fyre of fowre Bulles
after they haue boyled, & so fyned with
oile, and annointed therewith the same
on of the bladder, presently they haue
made water without any tarrying.

This oile is excellent against the pe-
stilence, that if any drinke thereof often-
times, he shall not be infected: although
he were in the hōuse where the plague
hōtice was. But if any haue the plague al-
readie, let him drinke three or four
drops in wine and lay him downe to
sweate, and the next day he shalbe well
againe: in oyl also oyl of roses & oil of sandal

This oile is to excellēnt agaynſt per-
son, that if a man ſteſt there wil no poys-
on remaine with him: & strengtheneth
the Maſte and all inward parts, & partic-
ularly it warmeth the hart: it stoppeth the
bloody ſtre: it is also good againſt all
diseaſes of p[ro]kinies & blader: if ye drinke
it with wine it stoppeth woches termes:
this oile being annointed from the ſtret
of a woman to the p[ro]fule partes & ramſon
of the backe, it strengtheneth the ſp[iritu]le
of mother, and dieth to the infirmitie
therin, and prepareth it to concepcion.

Spir

A perfect order to make Oiles.

Take Saincte oile of Rosemarye
topp with Sugarye Masse Christi, with the
Soyl saide betwixt two iron bars, also
and godly thyme, roosemarye, and so
forth. Dryerayd and gathered in a chalke
as good: To make Oile of Rosemarie.

Take Rosemary flowers and stamp
them, then put it into a glasse with
Stronge wine and stop it close, then set it
in the Sunne foyre or five daies, and then
distill it with a soft fire, and then shal
have both water and oile, the which you
shall separate and keepe close in a glasse,
and his vertues are these.

It helpeth against al paines in y head,
although they haue continued 7. yeres; it
comforteth the memory, it also preserveth
the eyes, if you drinke therof nowe then
a draup or fyne, and put another into the
eyes. It helpeth those that are deafe, if it
be put into the eares, and also drinke with
good wine: It openeth all stoppings of
the limer and milt, and helpeth against
the bosome and yellow Jaundise: it healeth
both swinde and helpeth the Cholische and
rideth.

A perfect order to make Oyles.

villing of the mother: it is also excellent for those that haue dranke poison, or that are infected with the Pestilence, if you drinke thereof a little and lay you downe to sweate: It comforteth the heart and cleanseth the blood, and maketh a man merrie, and causeth a good colour, and this oyle is most excellent for those that are full of itche and scabbes. And to bee short, it helpeth all the diseases of the bo-
die, that come of cold and moist humors, although they were never so euill: it hel-
peth the Canker and Fistelous, and such
like.

To make Oyle of wilde Time.

This oyle is made as is afeclaide.

This Oyle being eaten in Tablets
of sugar, or drunke in wine, bringeth to
women their flurc naturall, and diueth
out the front and grauell, and pouoketh
bonite: the same taken in like manner
stoppeth the laske, and cures gripinges
or knawinges, and is excellent against
crampes, and the contraction of sinelcs.

This oyle beeing taken in meates or
brothes

A perfect order to make Oiles.

Spurts, is a soueraigne medicine against all poisons, and against the bylings and winginges of venomous beastes and serpents. This being applied unto the fore-head and temples with oile of roses and violets, swageþ headach, and is verie good against raving and frenzie: the fume of this Oile driveth away venomous beetes.

To make Oile of Fime.

This oile is made as is aforesaid, and his vertues are these.

Three or four drops being dranke with honied water, helpeþ a painfull cough and shortnesse of breath: it provoketh urine, and expelleþ the seconde and dead fruite from the matrice: it provoketh menstrue, and diuoluetþ clotted and congeled blood in the boode: being taken with orinell and a little salt, it purgeth tough and clammy degreis, and sharpe cholericke humours, and all the corruption of the blood: being taken in the saide manner, it is good against the Scratice, the pain in the boode and the brest: as also it

A perfect order to make Oyle.

It is also good to mix white Wine with
Saffronne in the proportion before, and of the
Spices and aromaticas; it is good for those
that are fearefull, melancholique, and trou-
bled in spirite and minde.

This oyle being often beaten helvety
planted cies and paunes of the same nature
dranke in Wine, it is most profitable for
those that are troubled with the Comfit,
but if it chanceth that their paunes bee ou-
ther, ye shal give them fine oyle beaten
with a drame of ormyell; if neare this oyle
tentimes with honeye, it will plense the
breast, and ripen degre, and cause therto
be spitt forth with ease: the smell of this
Oyle is moste comfortable for those that
have the falling sicknesse.

To make oyle of sweet Margetow.

This oyle is made as is aforesaid, but
the hertwax and these, also oys and
Being dranke in white Wine, it is
moste helpefull for those that beginne
to fall into a droppie, and for suche as
cannot pisseth deep after paine, and that
with

A perfect order to make Oile.

Take great bryer leaves, and good log
leaves, and the crownes of roses, and
gardenes and wortlings of the bellie; but
watch in the late evyn : keep them in
themselves. And when they are dryed in cold
water consider this oile will be of service
to them: when you put into the masterpots, it will
cure the pocke of many humours; and
draw them to heel. It is most especially
good for those that have lost their shielding, and
against all plagues of the heart being used
as is aforesaid: it is good against pestilence,
and the stinging of scorpions. And
of 11 distillations, employ the first. And
with 10 lemons salt : also cut the lemons in 12
parts to make Oile of Sage.

THIS oile is made in the aforesaid oile
order: And helpeth congeled blood with-
in the belly, and cureth inward wounds
and blyses, either by a stripe or fall if it
becomme witty wine: it provoketh to
urine and breaketh the stone: it comforteth
the heart, and taketh away the heat of the
body: it is also good for women wrynges, to
use it now and then, for it closeth the womb
tight and comforteth the straite.

A perfect Oyle with Oyls.

With the same in the nose : it helpeth
with inward maladies in the heart and
lungs. It easeth the inward gripes and
biting of scorpions and other such
injurious creatures. It is good at 12 . oock
at night : drawing from the color and
heat of **The male and female of Pueraria**, and
is good in purging the womb to a woman so

Pueraria is made of the root of the plant, and
the leaves and blossoms of the plant
Being beaten in water, it removeth
monthly tearmes, bringeth forth the first
cundine, the dead fruite and the unnat-
ural birth : it provoketh urine, and bre-
aketh the stone, especially in the kidneys,
being fished with purified honey : it clea-
neth the lungs, and removeth from all gross
and thick humours. This oil being
mixed with honey and Gloves, purgeth the
melancholie humour and purgeth
itself against crampes, and the concom-
itant of cinchona.

This oyle being beaten with water
and

"A perfect order to make Oil."

A perfect Oyle to shake Oiles; A

In those that haue a weak stomach, being
drysed with vinegare, it easeth those
that boone to blisse, and killeth the round
wormes, in somme right sicke humors.

This oyle being dranke fourre or fift
times with same conuentient likour, hel-
peth the griping paine and gnawing in
the bellies, with the Collicke, and stopp-
peth the irodinate courses of the mens
urual issue, being dranke with wine. It
easeth women which are too much gree-
ded with hard and perillous trauell in
childe bearing: being dropped into the
cares it taketh away the paine: the taste
of this oyle causeth a man to be merrie.

This oyle is singularly good against the
graine and stone in the kidneyes, and
against the strangurie, which is helen stone
cannot pise but drop a stendrop; if ye will
to drinke it in water as bad as Hinde, gill a
drinke half this, therell ease you very well
out of it. To make of this oyle, against a
certaine disease shewed unto us by a doctor
This oyle is made as is a lope saire of

Camomill. If ye use to eate this oyle
either mixyd wth honey, or made into M-
ans Christ with suger, it will helpe those

A perfec~~t~~order to make Oiles.

that haue obstructions or stoppings of
the breast, with shortnesse of breath, it is
also good against an old difficult and hard
cough: yee must vse this morning & ev-
ening for a certaine space.

This oile being drunke with sirope of
vineger, purgeth downward cough and
clammy flegme, and killeth and drineth
sooth wormes: it hath the like vertue if
ye eate the same with figges.

To make oile of Radish seed.

Take the seede of Radishe and stamp it
small, then take for euery pound of
seedes, two ounces of good Wine, then
stampe it againe vntill it be mixed, then
put it into a vessel of Iron or Copper, and
set it ouer the fire, and stirre it continua-
lly, vntill it bee as hot as you may saf-
fer your hand therein, and then put it in-
to a canuas bagge, and presse it soorth, and
thou shalt haue both oile and water, the
which thou shall separate one from ano-
ther.

This oile causeth good digestion, and
provoketh urine, the which is stopped
through

A pittifest order to make Oiles

through minde and ventositie: it dissol-
veth winde in the stomacke, and brea-
keth the grauel and stoe in the bladder.

To make oil of Mustardseed.

This oile is made by impression as is
faide above, and is excellent for those
þ have the stone, & causeth them to avoid
grauell; it pourokeþ wemens sicknes-
ses, if you annoint the body and raines,
and within the necke of the watrice, and
also take it inwardly, it dissolueth the
paines of the side and mother, If you eate
it with a little Synamon and white ho-
ney mixed together.

To make oile of Colewurt seed.

This oile is made as is said afo're, and
of nature is hote & windie, and is vsed
much of lecherous perlōs, because it ma-
keth elevation of the pard, & causeth the
to be lustrie, being vsed in meates it can-
seth god digestio: it preserueth armes frō
rusting a long time: it is good against in-

A perfect order to make Oile
flammations in all partes of the body, and
is also good against wormes.

To make oile of Linseedes.

This oile is made in the aforesaide or-
der, and is good against the plurisie:
if ye give thereof four ounces to drinke,
soz it dissolvethe the impostume presently,
and so perpetually liue. It is good against
Chierods in the fandament. This oile of
Linseede being distilled with Franken-
cense and ware, is most excellent to dis-
solve all contusions: With this oile they
make vernish.

To make oile of Saint Johns
woort or Seed.

This oile is made of the seedes by im-
pression, and is excellent to helpe
wounds, because it defendeth them from
alteration, and maturation, and will not
scatter humours to run thither. It is also
excellent against poison, and the pestilent
feuer, and all evill disposicions of the stro-
macker

A perfect order to make Oiles.

macke: it is good against the flur of the body and Emerods, and for all maner of scabbes. It helpeth the rupture newly done, if you annoynit therewith, and weare a truse fit for the purpose, and let him keepe his bed, and walke as little as he can for a certayne time: it helpeth agaist all maner of sores, as well old as new, and that it doth by his proper qualite, for it is neither hote nor cold, but temperate.

To make oile of Quincas seed.

Take the seede of Quinces and stamp them, then put them into a frying pan with a little wine, and stirre them well togither, vntill it bee so hote that you can scarce abide your hand therein, then put it into a canvas bag, and preesse it out in a preesse, and thou shalt haue both oile and water, the which thou shalt separate.

This oile is excellent against al paines in the stomack, and helpeth the digestion and dissolueth wind: It prouoketh venrous actes. It is also good against the Emerods and fistelwes that come in the

A perfect order to make Oiles.

lower partes. I Unite a dooy wi h : shal
be to a maner hysed oile . boozin Oile yea
gylas & To make oile of Acornes . a sudde
oile . (boozin) i hysed oile not to be
boozed

This oile is made as is aforesaid , and
is very restricte and drining , and
helpeth those that are troubled with the
flur , if ye drinke thereof a little and an-
noyns the belly therewith ; you shall note
that this oile is not to be occupied much
inwardly : this oile is excellent to make
Vernish .

**In this maner ye make oiles out of all
maner of seedes .**

**To make oile of Tartare by nat-
ural distillation .**

Take white Tartare beaten in powder,
faure pound , and put it into a strong
vessel of stene wel lated , with a head and
receiver , and gne it firs a small fire , and
then increase it according to art , and at
the last gne it extreame fire vntill all the
moisture become forth , then put the liquor
into a glasse , & distill it in Balneo , and the
oile will remain in the bottom : the which

A perfect order to make Oiles.

thou shalt distill or rectifie in Sand, and
then the oile will haue the colour of gold.

It is most excellent to cure ulcers cau-
sed of the poyson : for it taketh away their
malice in such an order, that it can hurt no
more : being drunke with wine, it bre-
keth the stone in the raines and bladder,
and purgeth vrine, it purgeth ulcers.

Another way to make oile of

Tartare.

Take Tartare and stamp it small, and
then put it in a new earthen pot un-
glased, & set it in a potter's furnace, or fur-
nace of reverberation vntil it bee white,
then lay it vpon a smoothe stome in a
moyst place, & it will turne into oile: the
which is corrosive: but one part thereof
mixed with tennes partes of pure rectifi-
ed Aquarite, healeth ulcers quickly,
if ye touche them therewith: it maketh
the face faire: if ye wash the hairs there-
with it maketh it yellow: it taketh out
blacke spottes in linnen cloth, and styrth
the medicines alchimicall, with diuers

A perfect ordre to make Oile,

of her vertues, the which I will leave un-
till another time and this will adoe much
the chayre of mannes body.

To make oile of a Hertes horne.

Take the hornes of a Herte, and
cut them into small pieces.

Take the hornes of a Hertes horne in the
moneth of August, and file it to pow-
der, then boyle it in water untill it bee
sufficient, then draw away the water in
Balneo, and take that which remaineth
in the bottome, and put it in a glasse with
little peeces of tiles, and distill it, and
thou shalt haue a faire oile, the which ser-
ueth for sundry purposes.

To distilloile of a mans Excrementes.

Take the bowynge of a young sanguine
child or man, as much as you wil and
distill it twise in a Limbecke of glasse.
This helpeth the Canker, and mollifieth
Fistelowers: comforteth those that are
troubled with Allopecia.

To make oile of the skull of a man.

Take the skull of a man that was never
buried, and beate it into powder, then
distill

A perfect order to make Oiles.

distil away the flegme with a gentle fire,
 and put it on againe, and distil it againe,
 and this you shall doe three times vpon
 the feces, and at the last give it strong
 fire, vntill the oyle be come forth: the
 which ye shal separate by Balneo, and keepe
 it close shut in a glasse. The dose is thre
 graines, against the falling sickenesse.
 Ye shall understand, that there is also a
 salt to be drawne forth of the feces, the
 which is of great vertue against the a
 bovesaid diseases being drunke
 with wine, as is a
 foresaid.

Finis.

THE KEY OF Philosophie

The second Part.

Containing

The ordering and preparing of all Met-
talles, Mineralles, Allumes, Saltes, and
such like: for medicines both inwardly
and outwardly, and for diuers other v-
ses.



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ФО ТЕА ЗН 2
Lidgē (lid T)

the Phoenix (sdP)

Coryphaenoides



et nobis Ite deinceps
. et amicis vestris.

W. P. C.?

To the Reader.



In this present Booke (well beloved Reader) I haue taken vpon me to set foorth, the true and woorthisie cunning of the distillation of Mineralles; that is, of those things which are found in the Mires, as all manner of Salts, Allums, Vitrioll, Sulfur, Mercurie, and such like Mettalles, as Saturnius, Jupiter, Mars, Sol, Luna, Venus. And how you shall gette the licour or moisture out of them. And all that which appertaineth to the health of man. The which I meane by the grace of God to set foorth in this booke, with a number of Alchymistes preparations of the said things, the which worketh wonderfully in mans bodie: so that it seemeth to diuers persons myraculous.

Therefore (gentle Reader) peruse this Booke with discretion, and then if thou eest it stand to thy minde, set thy hand to the plough & be diligent in the worke, so that thou mayest know the proofe, and seele the ready commodite thereof, for

To the Reader.

ye shall understand that there is no medicinē in the world that can be found of so quicke operation as the Minerallē are, if they be truly prepared & as I wil shew you hereafter: but if they be not wel prepared they are very hurtful, and not to be allowed. Therefore looke that yee prepare them as I shall shew you, and then you shal wonder at their working.

And although the worthy science of *Alchymie* is come in such disdain through lewd persons, that it seemeth lies and fables, and no true science: Yet that ought not to hinder or derogate any thing to our purpose, as long as our matter is against the abuse of it, as for example:

The *Alchymistes* haue wrought in this worke, to the intent they might haue of lead and copper, golde and siluer, or the meane to make them of all other simples or slight mettalles. But whether God hath gien thē that gift I know not: therefore I leaue it to the maisters of that arte. And albeit wee haue seene many wonderfull things in that arte: yet will I not affirme that it is possible to be doone, for it seemeth vncreasonable, that

To the Reader.

a man in so shorte time shoulde doe that thing the which nature doth in manie yeres. And that men should presume to doe that which God doth only himselfe, and not any of his creatures. We therefore will not affirme it to be true or possible, nor yet will wee deny it vtterly, or condemne it as vntreuth. But wee wil leau the answere to those that take it to be done.

But heere in this treatise wee will set foorth that, which wee haue seene and wrought, and prooued, and are expert therein: And although it be sprung out of the Arte of Alchymie, yet it is not to that intent, for it serueth not to transmут Mettalles, but it serueth to helpe those diseased both inwardly and outwardly: who of the common sorte of Chirurgions are counted vncurable, and also giuen ouer of the Physitions. Those pacients shall be holpen through the hidden mysteries and heauenly secrets of this science.

And forasmuch as it is vnpossible to prepare these things without the Arte of Alchymie: therefore we must praise this art

To the Reader.

arte through our preparations above al other sciences, that maketh for the health of man; for they preserue a man only touched and afflicted with slight woundes & grieses on his bodie, and that with much paine and much adoe. But this Arte giueth vnto man his health againe in shorte time, and with small paine vnto the pacient, be he never so desparately sicke, and to mans thinking past cure ; for I haue seene myracles therein.

And insomuch that it is all prepared with fire: the meane man calleth it *Alchymia*. Hewbeit the intent of the *Alchymist* is farre from our intent. But call it what you wil, it maketh not much matter of the name. For I am sure there is nothing in all physicke that ministreth eyther better or readier helpe to cure mans bodie, then this science of preparing mettalles with fire rightly. I say rightly prepared, not as the vnskilfull *Apotcaries* haue ordered them, or as the vnlearned *Physitions* haue occupied them, for the *Apotcarie* is no other then a seruant in the kitchin (as I may terme him) and no maister Cooke, so long as hee knoweth

not

To the Reader.

hot these preparations, which I will shew
you.

In like maner it is to be thought of the
Physition that hath no skill in these pre-
parations. For we haue seene and produc-
ued divers times, that the first vapour or
smoke of any Herb or Spice is the best
that is theron, and yet our learned phy-
sitions command it to be boyled down till
halfe be consumed, &c. Then note of the
best stir away in boylinge, what strength
can the medidine haue. Therefor I say
that the Physition without this arte of
preparation is idle or nothing worth; al-
though they take the pacientes mony. For
he goeth to worke blindly with a blinde
leader, which is the Apoticarie. But the
Physition that is expert in this science, &
doeth prepare his medicines truely, hee is
to be praised aboue all other. For a man
can not buy with any mony that which is
got by long carefull trauell. Therefore is
the arte of Alkimie worthy to be praised,
and the Alchymist to be praised also, al-
though they attaine not to their first in-
tention, yet they haue opened the way
through the which this excellent cun-

To the Reader.

ning of preparation was knowne, and found, and through the which there are a number of wonderfull secrets spoyled, the whiche without this arte were all unknowen, to the great hinderance of the sicke and diseased persons. Therefore I will not speake against it, but holde it in great estimation to our intention, that is the help of the sicke and diseased person, and to prepare the mineralles wherewith you may doe that which can not be done with any other Herbs, or simplices, or spicess. And herewith will wee finish this preface, and write of the names of the simples, which are occupied in this art.

The names of the Metals, Simples, or Medicines of this Science.

Ere wil I be elbowed fader, shew ther for god will
that thyng whiche maner
haue sought with their mis-
try and labouur, and yet
could never finde it. especially for that
I will not haue this wryghty science know
under stete. Therefore we wil write
first of the names of the simples, and then
of the names of the p̄parations, and
what they are.

Sal Armoniatae, that is a salt so called,
the which you shall finde at the Apo-
ries.

Sal Gemme, is stony salt, found in the
Myre as clare as the glasse.

Il y a comme, tu connais fait tout
ça. Tu dis, mais alors tu vas faire
d'autre chose que ça et c'pas.

**Calcantum, is yellow coperas, a matter
like a soap. Onis animalia et ei indi oien.**

*Alumen is Alum; but there are bitters
kinds.*

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Of preparing of Mineralles.

Sulfur Vnde, is the stone wherout the
other Sulfur is melted, and is green of co-
lour.

Antimonium is a certaine Minerall so
called that ye shall finde at the Apotica-
ries.

Carrabe that is yellow Ambre or Si-
tinum.

Taurum, that is Argil or white leste.

Saturnus that is lead.

Jupiter that is tinne.

Mars that is iron.

Sol that is golde.

Luna that is siluer.

Venus that is copper.

Mercurie that is quicksilver.

The names of the preparations.

Calcinatio that is to make any of these
mettals as it were lime, with great
fire sometimes, and other sometime with
small fire.

Solutio that is to dissolue and make as
it were liuide like unto water, the hard
or tough substance of any thing.

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Of preparing of Minerals.

1. **Sublimatio** that is adiwing up, by ex-
tentio[n] of the metall by force of heat, up
to the top of the imbecke, so that it may
hang to the toppe of the bell-ho[le] and
remaine in i[n]g no[n]. **2. Distillatio** that is to
Distillatio that is to take away the
exposure by the heate of the fire. **3. Digestio** that is to set the matter in hot
water or in boilding. **4. Calcination** that is to subline a matter, so
long that it will subline no more, but re-
maine first in the bottomes, and so do it.

There are a number of other prepara-
tions, but we will leave them because
we have written sufficient for our pur-
pose already.

To prepare **Crocum martis** and such like
as the like which are prepared tho-
ugh in a certaine calcionation. Lay downe
and nowe therin will be done as follows.

Crocus martis, or **Crocum Venetum** shall
be made in this manner: Take the
bottome of yron as much as you will, and
walle it wytte large water so long untill
that the water runneth as cleare as it was
when it

Of preparing of Minerals.

put out, then put it in a glasse, and put theron strong vineger but till it be coverd red; and let it stand so two or three dayes close shut: then poure off the vineger, and drye the limmell well, then put it into a newe earthen pot with a couer, and lute it very well round about with lime and haire mixt together: then set it in a furnace of calcination eight dayes and eight nights, so that it may continually stand reddish hotte, then take it forth and grinde it on a stone, and if it grinde very smoothe without any hard matter that ye can ryther see or feel, then it is calcined enough; but if ye seele any hard matter, put it into the furnace againe two or three dayes, and then grinde it againe, and this order ye shall vse vntill it be fine as can be possible.

This Crocum maris being so prepared, amongst all other medicines in the world, it is the most excellent that can be founyd against the bloody sicke. giving it in this order, Take conserves of roses and quince, crocum maris one scrupule mix them together, and let the pacient eate it in the morning, AND fast thereon threes
houres,

Of preparing of Mineralles.

houres, and it will helpe him although he had had it never so long, or never so soore. It is also given above all other medicines in the later end of a dropise, and also against the flurre of menstrue, and against blasing at the nose, and all other flures. It helpeth those that spitte blood: it is excellent to stop the fluye in wounds, and to help them and dry them, if ye strew the pouer thereon, &c. Ye shal make *Crocum venetis* in the selfe same order aforesaid: but where ye took limmal, ye shal take the scales of copper: and yee shal note, that this *Crocum venetis* is not to be vsed inwardly, but onely outwardly. *Item* a rossoun, god can it shal haue
the poynt dighte to yonge chylde in the
gynnes, and in the wylde chylde, regan
ed in the eighthe syt, set no fyre thereto, and
set

Of the preparation of Alumes and other Saltes.

Take *sal Gemme*, *or common salt*, and set them in a calcining furnace with a small fire, untill it be redde hotte the space of halfe an houre, and that it crake

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no more, then let it ware colde and beaten
it to powder and let it melt ; and let it
stand till it be cleare, then paure it in a pot
well neched, and set it on the fire, and let
it boyle till it be dry, and ye shall find the
salt on the ground as white as snowe, the
which you shall neale once more in the
fire, and then it is prepared.

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Take Allum and calcine it in an open
vessell till all his moysture be gone,
then make it red hot , and after a while
put it into an other pot wyth strong vi-
neger, and set it on the fire and let it seeth
drye, then set it on the fire agayne til it be
red hote , and as whyte as snowe , then
keepe it to thy pse.

This is very excellent to dry vp olde
sores if it be mixt wyth hony, and taketh
away dead flesh wythout payne.

Take a good quantite of salt
and assod sugarred in bloud , stirre it
well and then combe it wyth a vialle to conser-

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Of preparing of Mineralles

To calcine Vitrioll.

Take vitrioll and beat it to powder, and put it into a newe earthen pot that is brimmed, and set it in an oven somewhat warme till he die, then cover the pot close and stote it well, that no aire may come forth: then set it in a calking furnace the space of two houres, so that it may alwaies be us'd as coles, and then it will be asred as bloud, then grinde it on a stone, & keep it to thy use.

There is no Cozsine the which worketh like this vitrioll in rination, for if you mixe it with any Anguiss, and lay it on a tilde, it maketh an Asker the which unal cozsines must be doosed with fat or butter: but this cozsine needeth not, for ye must still lay more therein, and let an the Asker in the sore, for the vertus of this Vitrioll is so great, that it canseth the flesh to growe bitterish Asker, and when the flesh is enoughthe Asker wil fall off, and therby shall need nothing but to skin it, the which is not commonly seene of other cozsines: therefore I praise this to be the best of all cozsines. [1:33] at 3pm 11/11/2012

Of preparing of Mineralles.

To calcine Quicksilver.

Take *Aqua fortis* 3.ii. *Mercurie* 3.i. & put them in a glasse, and set it on the fire in a scartell with sand or ashēs, till the *Mercurie* be dissolved, then put it into an earthen pot well glased, and set it on the fire to boyle till it be drye, and stirre it alwayes with a sticke that it may drye the better, and when as it is well drie, putt it in an other pot with a kynt that is very well glased within, then late it very well that no aire may come forth: But ye must note that the pot must be top full, then sette it in a calcining furnace with a good fire four daies and four nightes, then grind it to small powder on a stone, and keepe it to thy use. For thou hast *Mercurie* calcinated, of the whiche we haue spoken much in our partie of *Chirurgie*. In 1537. c. 11. M. viii. This is excellent in all holde sores, al though they be never so gult, for it cleanseth without paine and healeth them that is, if cleanseth as long as it is needfull, and then it healeth, which is most strange to see: this salleth alway all dead flesh,

Of preparing of Mineralles.

nesly, and preferreth that which is good
and sound, and causeth the violence to
heat in short space. ¶ We shall note that
when we speake of Mercurie calcination or
precipitate in any place, ye shal take this.

How to calcine Tynne. Take good
woodes & dries the woodes and shives
as you will.

To calcine Tantare. At night, sett
an iron vessel over a fire, and let it
burne all night. Take good Tantare
Take good Tynne that is cleere & white
with salt, and stamp it to powder, then
put it in a scrauncill that never was
washed, and set it in the calcining furnace,
so that it may stand but even red hot and
there let it remayne untill it be as white
as snow throughout, then take it forth and
brace it in a glasse close shut, untill you
reade more how that you shall make ther
vile.

To calcine Tynne or Lead.

To calcine Tynne or Lead. And in
the fyre, and when it is molte, let it
burne hote, then take an Iron scrauncill
and stirre it therewith so long, till it come
to asbes, then take that asbes and brac
it

Of pteparing of Mineralles. O

it so long till that the water runneth cleare off as he put it on, then drye it in a calcining furnace till that it smoke no more, then put it into another new potte with a cover, that is unglaſed, and late it very well, then set it in the calcining furnace againe one whole day with a good fire, then take it forth and ye shall finde a Calx in maner white, but somewhat inclining to yellow. The Tinne yee shall calcine in the ſelfe ſame manner as he did the Lead, but when yee burne it to a ſhake, ye must giue it great fire, but in calcining it shall not need greater fire then it was for thy Lead, and to keepe your ſirke ſtill it be as white as ſnow, and then it is ptepared to make his oile as wee will ſhew you hereafter. All wch ſayings

To Calcine ſiluer.

haſt to ſonne T amida oT

Take ſiluer and diſſolve it in Aqua Regia, then cast a piece of Copper in to the glaſſe wherethe water is boyle the ſiluer, and ſtraitwaſe poore thereon a good quantite of vaine water, and then the ſiluer wil fal to þe bottome in a Calx

Of preparing of Mineralles.

Then lete it stande one night, or as long as ye will, and then poure away the deer water, and dry the Calx on the fire, then wash the same with warme water so long that it have no bitter taste of the Aqua fortis, and when ye have so done, yee shall take adition salt prepared as I haue shewed you before, and lay it in a Crucible the thicknesse of a strawe, and then lay theron yowt Calx of Silver, and cover it with the same salt againe, then lute your Crucible with a couer that no aire may come forth, then set it in a calcining furnace with a reasonable fire sixt hours long, then take it forth and put theron faire water, and let it seeth two or thre water boysters, and then the salt will seeth away, and the Calx will remayne sweet, whiche ye may psonne upon the tongue: but if it be not sweete, wash it againe till it be sweete, and then keepe it in a glasse, for it is prepared to make his oile.

To calcine Gold.

Take gold and Mercurie, & make therof amalgamie as the Goldsmithes doe
vse

Of preparing of Mineralles.

to go with their silver plates the which is
made thus. two good ons. ¹ Hal 23 gr.
Take two flat pates of Mercarie; and
one part of gold, the which yee shall beat
into very thynne plates, and then cut it
in as smal peices as yee can, then take a
Crusible and putt ther in the Mercarie, and
set it on the fire till it beginne to smoke,
then putt ther to the gold and take it from
the fire, and stirre it togither so long till
that yee may see ha moxe golde, then set it
on the fire againe, and stirre it so long that
the Mercarie be flowne all away, and then
ye shall finde your gold in the crusible like
sand, then take that, and putt thereto as
much prepared salt, and grinde them to
gither in a stonye as small as is possible,
then putt it in a glasse, and waſhe it with
warre water so long till that yee see the
Calke, same and yellow and sweete upon
the tongue, so that it taste nothing of salt
nesse, then it is prepared: and herewith
will we make an end of Calcination, and
write of Sublimation.

Item. Anot.

Item: among other Mētals dōg a RT
and regimētēd. qd ea chmēlānd
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To sublime Quicksilver.

Take Mercurie and smal by wine
ger and salt a partie while & then pou
thereon very hot water and wash it ther
with, till that the water runne as cleare
off as ye will put it on, then dry it with a
cloth and grinde it with vinger and salt
againe, and washe it with warme water
as ye did afore : this grinding and was
hing ye shal use till that the Mercurie
be no more blakke, and that it be as cleare
as a glasse, then take of that Mercurie one
pound, Salt prepared two pound, Sall
Armoniack sublimed as I wil shew here
after one pound, grinds these saltes tog
ether with the Mercurie, so long till that
the Mercurie cannot be perceived : then
put all the substance in a subliming ves
sell with his couer, the which hath a hole
pon in the top : as I will shew thee hereafter
in the next booke, if God permit me life,
Then set it in a calcining furnace, and
give it first a small fire till that the moy
ture bee blowne out thorough the hole
of the couer of the Sublimatorie, the
which yee shall knowe by this meanes:

Of preparing of Minerals

ye shall now and then holde a knife ouer
the hole of the instrument, and then if the
water be wette there is moysture in the
water but when you see that the knife is
drye, stop the hole with a stopple of
paper, and increase the fire a little byg-
gyngh let it stand so foure houres long,
then increase the fire yet bigger, and let
it stand soare houres: then mase the fire
so hote that the stones may be alred, and
that roghte two houres, but let not
your fire walle, then let it waite cold
and see that rubish is sublimed, and grinde it
on a stone with two pound of salt pre-
pared, and sublimes it agayne as ye did a-
fore in all pointes, then let it toape cold
and grinde it agayne with salt prepared,
and sublime it agayne. This grinding
and subliming ye shall doe vntill the
Minerall be as cleere as chistall, and as
white as snow and then it is prepared,
then keepe it in a glasse till that it white
more thereof.

To sublime Sulfur.

First before that ye will sublime Sulfur,
ye must prepare him thus.

Take Sulfur bisse and grinde it to this
pouder,

Of preparing of Mineralles.

powder, then searce it finely, then put it in
 a pan with strong vineger, and set it on
 the fire, and let it seeth a whole day and a
 night, but yee must put thereto alwaies
 more vineger as it consumeth away, and
 still ye must skum off the skum or filth as
 fast as it riseth, and when it hath sodden
 so in vineger, ye shall seeth it two daies
 in the vīne of young children, and als
 waies skumme of the froth, and put ther
 to more vīne alwaies as it consumeth.
 This seething and skumming yee shall
 continue vntill there rise no more froth,
 then put it in a glasse, and washe it with
 warme water till all the stincke of the
 pille be gone, & that it remaine as white
 as any Snow : then drie it well for it is
 well purged, then take of that purged
 Sulfur halfe a pound, *Virrioll calcined* Pi.
 grind these very fine togither, so that the
 Sulfur cannot be seenne, then put them in
 a subliming vessell, & set it in y furnace,
 and give it first a small fire till the moi
 sture be gone, the which yee shall knowe
 with a knife as I shewed you afore: then
 stop the hole and increase the fire a little,
 and so keep it sixe hours, then let it ware



gold

Of preparing of Mineralles.

Told and take that which is sublimed, and
grinde it with fresh Vitrioll and sublime
it againe as ye did afoore: this subliming
and grinding with fresh Vitrioll, ye shal
use till that the Sulfur bee as white as
Snow, and so cleere as a glasse, and then
it is sublimed enough: therefore keepe it
in a glasse close shut with waxe, till that
we write more thereof.

To sublime Sall Armoniacke.

TAKE Sall Armoniack 1*p.i.* and as much
limall of Iron and grinde them tog-
ther on a stone, then put them in a subli-
ming vessell, and seeth it in the furnace
first with a small fire, and then increase
it so that the bottome of the potte may be
red hote, and so let it stand halfe a Som-
mers day, then let it waxe coldē and take
that which is sublimed and grinde it on a
stone, with as much salte prepared and
sublime it againe: This grinding with
new salt and subliming, yee shall use so
long till that it bee sublimed as white as
Snow and then it is prepared: then keep
it to sublime thy Mercurie with.

Of preparing of Mineralles.

To sublime Copper, which is a
great secret.

First yee must calcine it with Sulfur
thus.

Take plates of copper beaten as thin
as is possible, and cut them in little pce-
ces as bigge as a penic or thereabout,
then take a crucible and put therin
Brimstone beaten a finger thicke, then
lay thereon a bed of these places and co-
uer them with Sulfur, and then lay ano-
ther bedde and couer it with Sulfur, a-
gaine, and this doe till the crucible bee
full, then sette it in the calcining furnace
halfe a day long with a good fire, then let
it ware cold and grinde it vpon a stone,
and then put it into *Aqua fortis* and let
it dissolve: and distill away the water &
make the pouder very drye, the whiche re-
maineth in the bottome of the glasse and
grinde it on a stone: with salt prepared,
then put it in a subliming vessell, and set
it in a furnace, and giue first a small
fire, and then giue it a very strong fire

Of preparing of Mineralles.

foure and twentie houres : and then let it ware cold, and in the vessel yee shal finde a greene pouder light and subtile, but nothing like the Copper, the which ye had to sublime . Then keepe that in a glasse close shut with ware, for there is no better medicine in the world then this for the Canker, the Wolfe, Fistelowes, and al such like sores, for this doth help them quickly : and when yee will occupie it in such sores, ye must straw it thereon, and lay upon it a wound plaister : of y which I haue written a number in my pearle of Chirurgerie, and it shall heale them how soever they be.

To sublime Lead and Tinne.

THese two are sublimed with lesse labo; then the copper : neverthelesse when yee shal sublime them , go to worke as thou didst with copper , sauing that yee may not calcine them with Sulfur, but as I haue shewed you afore. And when it is so calcined yee shal dissolue them in this strong water following : and when it is dissolved distil the water away til it re main.

Of preparing of Mineralles:

maine drie: then dissolve it againe, and distil the water away againe, so that it remaine skant drie: then take that, and put thereto twise so much salt prepared and sublime them togither with a strong fire, and ye shal finde a white pouder sublimed in the top, the which serueth to the same vse that the copper serueth for: that is in all foule Ulcerations and filthy sores, &c.

How to make the said Aqua fortis to dissolve Lead and Tin.

Take salt Peter, Vitrioll Roman and Salt Armoniack of eche one pound, beate them well togither and put them in a glasse, the which is very well luted: then set on the head with a great receiuer, and lute the ioyntes well that no aire may come forth, then giue it a very small fire yee twelue houres long, and then increase it according to Arte: but take good heed that ye be not rash with your fire at the first, lest that all the glasses flie in peeces: then keepe it to thy vse, and when ye wil dissolve your Lead, ye must take for euery

G 3 pound

Of preparing of Mineralles.

pound of Lead, two pound of wafer, and dissolve it cold, for otherwise it woulde blow the glasse in peeces.

To make oyle of Sulfur, the which is a great secret.

This oyle is made in this maner. First ye shal hane a bell of earth, or a head of glasse like the common Stills of Tin, the which yee shall hang vp by a string: then take a plate of Iron of a finger thick, and two fingers broade, and make it red hote in the fire, then lay it vnder the bell or head, and cast thereon Brimstone, and let it burne, so that the fume may goe within the bell, and this yee shall continue possible a whole day, afore that one drop will fall: but when yee see it drop, then continue til ye haue oyle enough, & then hast thou a great treasure, the which keepe in a glasse, for it wil helpe the poore and all outward sores and ulcerations. And also stincking and filthy sores, the which will not he holpe. It is also excellent against the Rose, and against the pestilence,

Of preparing of Minerallcs.

pestilence, the which yee must use in this manner. Take water of Horell, of Rose, of *Cardus Benedictus* of ech ʒ. i. Dile of Sulfer ʒ. i, mixt them togither, and giue it the patient as soone as he feeleth himselfe sicke, and lay him downe to sweate one houre, and let him not stirre that he may sweate the better, then dry him well with warme clothes, and let hym rest two houres, and then if yee haue list to eate, let hym haue a cullas made of a Henne in this order. Yee shall boile the Hen or chicken so long, that the flesh fall from the bones, then stampe the bones and all, and straine it with the saide brothe, then put thereto a good deale of Suger, and a little Wine, and let the patient eate it with a verie littie bread: and then two houres after, yee shall giue hym the aforesaide receipt with oile, and let hym sweate thereon two houres, as is saide afore, and this yee shall doe the next day once, and by the grace of God the Pestilence shall not hurt him. But when yee will occupie it to the Pore, or anie other filthy sores, yee shall giue it with water of Hoppes, or Cicerie,

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of Germander, of eche ʒ.i. water of Fumetorie ʒ.ii. Oile of Sulfer ʒ.i. these yee shall mire togither, and let the patient drinke it at seauen a clocke in the morning, and let him sweate thereon two houres: then dry him with warm clothes, and then at night yee shall give him that portion in maner as ye did before, and let him sweate thereon other two houres: and this order yee shall use till that they be whole, the which wil be in very short time, so that it shall seeme myzaclous, for his sores will presently be healed, althoough they were never so euill.

Against the Rose yee shal take the wa-
ter of Sorel, of Purcelerie, and put there-
to ʒ.i. of oile of Wimstone, and let the pa-
cient drinke it, and lie downe to sweate
thereon, and in one day bee shalbe holpe,
althoough he had it a long time.

To make oile of Vitrioll,

First yе must haue an earthen pot, the
which holdeth about a gallon, and
must be about a foot, or fourteene inches
bie, then yе must haue a head of glasse, the
which

Of preparing of Mineralles.

Whiche commeth iust ouer the pit, then take vitrioll and put it in the pot, and then set on the head, with a great receyuer, and lute the ioynes well, then giue it small fire, as I haue shewed you afore in the making of strong water, and when ye see that it will droppe no more, then encrease the fire alittle, and so keepe it till it droppe no more, then take away the receyuer, and poure out the water, and set it to agayne, and lute it fast, then encrease thy fire by little and little, till that the fumes come foorth: then keepe it bigger and bigger, so that the pot may stand as hote as the coales, and so keepe it vntill that the head and receyuer ware cleere againe, but in any wise slacke not thy fire: for I haue seene fire kept a whole day, after that the water was taken away, and neuer a droppe fell into the receiver, but at the last it came apace, therefore leauing not till it be done. Then keepe this oyle very close in a glasse, that the spirites stie not away, for when it hath lost his spirites, it is good for nothing, but to corrod and eate away dead flesh. But when this oyle hath his spirites, there is no better

medic.

Of preparing of Mineralles.

medicine in the world, against the faling sicknesse and Apoplexia being vled thus: Take aqua vita perfectly rectified, myght out steme one pinte, Oile of Vitrioll one spoonfull, mire them and let the pacient drinke thereof euery morning one spoonful, and he shall be helpen, although he haue had it ten yeeres, and fell euerie houre: and for Apoplexia ye shall gine it in the said order. But if he cannot drinke it so, ye shall gine it as ye thinke good, so as he haue it in his body, and presently he shal mend, although he had it a long time, and were lame ouer all his body. It is also excellent good against all hot fevers in the summer, for it helpes them in one day, as I haue proued diuers times my selfe, and ye shal gine it in this order. Take bourage water as much as yee wil, and put thereto so much of this oyle, til it be sowre like veriuice, and thereto let the pacient drinke as much as hee will, and then ye shal see the pacient holp, and his thirst shall slake, and also his heate. This oyle is also good against all soule and olde sores, and to take away their stinke, if yee do mire it with water of Gre-

Of preparing of Mineralles.

gremonie, till it be very sowre, and then wash the soze therewith. If ye mix more oyle wthy the saide water, until it be as sowre as vineger, it takes away wartes if ye wash them therewith, and cause them to fall out without paine. It helps al scabs if ye wash them therewith, mixt with egremory water as is aforesaid. If ye mire it with bourage water, buglosse water, and mellise water, it helps the beating of the heart, which hath continued a long time.

*To make water of Mercurie, which Parafel-sus writeth of in his booke
of Chirurgery*

Take Mercuric that is sublimed, as I haue shewed you afoze, and put it in a glasse, and set it in furnace, and givē such a temperate fire, as you may holde your hand ouer it a pater noster while, and that degree of fire ye shal keepe, the space of six weekes, but looke that ye increase not the fire, nor yet diminish it : then take that Mercury and grind it fine, and pourē it into a bagge, like unto an Ipolcrasse bag

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bagge, and hang it in a moist place, and set a glasse vnder it, and the Mercury wil turne into water, which keepe well: and when thou wilt occupy that water, thou shalt wet a linnen cloth therein, and lay it on such kinde of sores, as will not bee holpe by no other kinde of meanes: for it will take away their corosines, and cause them to heale, although they were never so ill. And moreover, because that thou shalt know wherefore it serueth, ye shall note that it is good against all cankers, stolowes, the wolfe, and such like, for it helpeth them al, though they were never so euil, as Parafelsus writes in his great Surgery in the chapter of the canker and such like.

To make Water of sal Armoniacke.

Take *sal Armoniacke* that is sublimed seuentimes, and grinde it to powder, then put it into a glasse, that hath a hole in the botome on the one side, and then set that glasse in another, and set them in a moist sellar, and then the *sal Armoniacke*

Of preparing of Mineralles.

*mizcke wil dissolve into water, and ranne
into the neather glasse, the which ye shal
keep close: in the aforesaid maner ye may
make water of Allum, the which is excel-
lent to drie vp all filthy wounds, &c.*

*The order to fixe all things that are
flying.*

THIS fire any thing, is so to be vnderstode
thus. Ye shal sublime it so often, as
it wil sublime no more, but wil lie in the
fire, so as the fire cannot consume it, and
when ye wil fire any thing, as Sulfer,
Quickesilver, or Arsnicke, or such like, ye
shal do it in this order: ye shal take Mer-
curie sublimed, or Sulfur sublimed, or
Arsnicke, or such like, and put it into a
subliming glasse, which I will shew you
diners paternes, in the next booke (God
willing) and set it in a furnace with a
smal fire, and then encrease it according
to Arte, the space of a whole day, and then
at euening ye shall turne the glasse and
let it sublime vp into the other end; and
this order yee shall vse with subliming,
from one end vnto another, til that it wil
sublime

Of preparing of Mineralles.

Sublime no more: the which ye shal prove
in this manner. Ye shal take a little ther-
of and lay it on a red hot coale, and looke
whether it smoke or no, for if it smoke it
is not fift, but if it smooke not it is fift:
but to know the very truerih, ye shal take
thereof and grind it to pouder, and then
put it into a crucible, and gine it as great
a fire as though ye woulde melt copper,
& then if ye see there commeth no smoake
from it, it is fift: but if it smoke away,
ye shal put it into a new subliming glas,
and sublime it againe, then keep it to thy
vse, til I write more thereof: for when
you haue your spirits fift, ye haue a great
treasure, not to be bought with mony, and
principally of Sulfer fift, for therewith
ye may do what ye list, for there can no
sicknes come vnto mans body, but it may
be holpe therewith. Also Mercurie being
fift, is such an excellent medicine against
the pore, that the like cannot be found in
the world. But ye shal note, that it must
not be occupied alone, but with other
things, which I will shew you in an o-
ther place. The Arsenicke and the sal
Armoniacke may not be occupied in anis
wise

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Wise inwardly, but onely outwardly, as ye shal heare hereafter, and especially of the salt of Arsincke.

To make oyle of Antimonie.

If you wil make this oile, ye must looke diligently to your fire, lest ye spoile al: then take a retort of glasse , and late it very wel, and put therein thre pounds of Antimonie, and thre pounds of *sal gemme* calcined, beaten together , then increase your fire according to Arte , thre dayes and thre nightes , and late thy receiuer very wel, which must be of the quantity of five or sixe gallons, or more, the greater the better , and then thou shalt haue an oyle as redde as bloud , which is not to be sold or bought for money : for it hel- peth the Canker, the *Wolse*, *Noli me tan- gere*, and *Fistulais*, if ye annoynt them therewith: first the dead flesh wil fall out without paine , and then it will heale, how soere soever it be , although it were sotie yeres olde.

I.

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Of preparing of Minerallcs.

In summe. It is a most excellent oyle against al sores and benimous vlcers, soz if ye anoint them thre times therewith, it helpes them, although they were so benemous as they did eate a hand broad in one night, as is diners times seene of the wolle, and such like ulcerations, that sate so, as it seemes a dogge had bitten but a great pece. These and al other ulcerations, which wil not be holpe by any meanes, ye shal help them with this oile in short space, so as shal seem maruellous to beholde.

How ye may draw foorth salt out of all mettalles: and first out of Gold, which is called Sal sapientium.

First if you will make salt of Gold, you shal take gold filed into powder, and dissolve it in the aforewritten strong water, and when it is dissolved, ye shall boile away the water, til it remaine dry, then thou shalt put thereon faire water, and let it seethe therewith thre or fourre houres

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Of preparing of Minerals.

boiles long, and then poure it away, and
put more thereon and let it stand bygynnes
and then poure it away againe: this poure on
and off ye shal doe till the water haue
no taste of the strong water, but is cleare
and when it is so, giae it great fire that it
may dry well, then put it in a glasse and
set it in a calcining furnace, and there it
shal calcine a whole moneth long, so that
it remaine alwaies red hot and in one red
glasse of fire, then take and grinde it on a
stone, until it be as fine as is possible
then poure thereon god distilled vine-
ger, and lay a cover over the glasse, and
let it ferthe in Balneo Maria a nable day
long, putting thereto alwaspe fressh vif-
feger: then poure off that vifeger into a
glasse and put thereon more, and boyle it
a whole day as ye did afore, and this you
shal do thise times: then take that vifeger
that ye poured off, and distill it by
Balneo Maria till it remaine dry, and in
the botome ye shal find a salt as white and
smalles, whiche ye shal take and put them
on moxe vifeger, and set it in the Balneo
Maria that it may boyle the space of two
hours, then let it settle a nable day, and

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Of preparing of Mineralles.

In summe. It is a most excellent oyle
against al sores and benymous vlcers, soz
if ye anoint them thre times therewith,
it helpes them, although they were so
venemous as they did eate a hand braud
in one night, as is diners times seene of
the Wolfe, and such like ulcerations, that
sate so, as it seemes a dogge had bitten
but a great pece. These and al other ul-
cerations, which wil not be holpe by any
meanes, ye shal help them with this oile
in short space, so as shal seem maruellous
to beholde.

*How ye may draw forth salt out of all
mettalles: and first out of Gold, which
is called Sal sapientium.*

First if you will make salt of Gold, you
shal take gold filed into powder, and
dissolve it in the aforewritten strong
water, and when it is dissolved, ye shall
boyle away the water, til it remaine dry,
then thou shalt put thereon faire water,
and let it seethe therewith thre or four
houres

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Of preparing of Mineralles.

Boores long, and then poure it away, and
put more thereon and let it stand againe,
and then poure it off againe: this poure
on and off ye quyl vse till the water haue
no taste of the strong water, but is cleare
and when it is so, gire it greate fire that it
may dry well, then put it in a glasse and
set it in a calenting furnace, and theri
shal calcine a whole moneth long, so that
it remaine alwaies red hot and in one vial
stone, until it be as fine as is possible:
then poure thereon god distillion vine-
ger, and lay a cover over the glasse, and
let it setthe in Balneo Marie a habble day
long, putting thereto alwaies fresh vi-
neger: then poure off that vineger into a
glasse and put thereon more, and boyle it
a whole day as ye did afore, and this you
shal do thre times: then take that vine-
ger that ye poured off, and distill it by
Balneo Marie till it remaine dry, and in
the botome ye shal find a salt as white as
snowe, which ye shal take and put there-
on more vineger, and let it in the Balneo
Marie that it may boyle the space of three
poures, then let it settle a habble day, and
then

Of preparing of Mineralick.

Then poure off that which is cleare, and then if there remaine any thing in the bottome it is not enough prepared: then take vpon boyle it in vineger againe, and will all the vineger againe as I haue shewed you, and ye shall finde a whiter salt in the bottome of the glasse, whitch yes shall put in vineger againe, and let that boyle in boyle Marke two houres, as I haue al-
so shewed you, and then let it stand and settle, and then poure off the clerer part, and distil it in boyle Marke, and the salt
will remayne in the bottome as white as
snow. But if there remaine any in the
other glasse ye shall not be as I haue shewed
you, till it be all dissolved.
Then dissolve that salt in vaine water
three or four times, and looke whether
there remaines any salt in the bottome
dissolved, and if there remaine none
it is well prepared, oþ else not, and it is
called *salt phosphoratum*, oþ *sapientia*, and
when it is dissolved into cleare water,
that the salt may remayne very dry in the
bottome, the whitch yee shall keepe in a
glasse close thereto; it is a most excellent
medicine against all diseases of the bo-

Of preparing of Mineralles.

bie, for to smaltheate nothing in a mans bodie that shall hurt him, but it doeth drawe it smooth by sweates, and maketh the patient as sounde and whole as ever he was in all his life. It helpeth outward sores, as the Canker, the Ulisse, Filiolues, and such like.

This boeing taken inwardly doeth helpe thos outward diseases most wonderfull: for it helpeth them in thise of fourre dayes, and when ye will occupie it against such diseases, ye shall use it in this maner.

Ye shall take a biall full of wine, and put therein twoo or thre graines of that salt, for it is sufficient for any sick person, for any kinds of diseases, then stop that biall, and set it in warme water, untill the salt be dissolved, then giue thy sick person thereof to drinke warme, and layinge downe to sweat, for it will cause him to sweat wonderfully, therfore kepe him from the colde in any wise, for that sweat will bring him to health againe, although he were a leper, so that if come not by nature of his mother, for if it come by kind, there is no helpe that I see.

Of preparing of Mineralles.

know, yet neitherthelesse this medicinie
can not hurt, nor yet it cannot helpe him.
But other sicknesse, although they were
never so wylde or soze, it will helpe them. It
helpeþ the pestilence miraculoþy in one
day, and likewise the pote in shorte time,
giving it as is aforesaide in wine, and
lay thereon a swete, and then dry a
way the swete with warme clothes, and
when thou wyl helpe any outward soze,
thou shal lay thereon a wound plaister,
and let hym drinke the said salt with wine
morning and euening, as is saide aforesayd,
and in shorte space they shal be holpet.

*The order to distill vineget to make the salt
of salt sanguis foþ said salt,*

Take good strong redy wine viner-
ger, and distil it in a white vesse of
glasse, and gine it first a small fire till halfe
be distilled, then take it away, for it is
not good to our woorke, then taste it
on thy tongue whether it be sharpe or no,
if it be not sharpe, it is not good: if not,
hope that small sicke on the liquor come
forth

Of preparing of Mineralles.

forth lowre: ye shal note that the woorke
of the vineger distilleth first, then distil
that which is last with a reasonable fire
til it be almost distilled, but ye may not
distil it all quite out, lest it shoulde stynke
of the fire and war red, for then wil it not
serue our purpose. Moreouer ye shal note
that it may not droppre faster, but that a
man may say a pater noster betwene.

To draw forth the salt of Arsnicke.

The salt of Arsenicke is a maruelous
salt, but it is sharpe and corosive, and
the order to make it is thus:

Take Arsnicke 3 j. which is fired and
dissolute it in aqua fortis made of salt Pece,
fer and allum, and when it is dissolved
put thereon raine water, til it syncke to
the botome, and when it is suncke to the
botome let it stand to settle, then poure
off that part which is cleare, and put on
more fresh water and let it seethe, and
then let it settle and poure off the water
agayne, and then poure one more; and

Of preparing of Mineralles.

this order ye shall vse vntill the water
cometh off as sweets as ye put it on, then
calcine it sixe daies and sixe nights, then
pours thereon distilled vineger and saeth
it in balneo marie to dissolve, and at night
let it settle and ware cleare : then poure
off that which is cleare and put on more,
and let it stand a day to dissolve as I sayd
afore, and then let it ware cleare, and
then poure off the cleare partes. This ye
must do thre times as is saide of golde,
and then dry it very well, and put there-
on faire raine water till it be dissolved,
and when it is dissolved ys shal make no
more fire vnder it, but let it ware colde,
and then poure the cleare parts off and di-
still it in balneo Marie vntill it be drye :
and then you shall finde your salt in the
ground as white as the snoewe : which is
most excellent against the Canker, the
Woolfe, and such like as commeth of
Woundes, &c. yee shall helpe them thus.
Take of this salt 3 j. and put thereto 3 j.
of Unguentum fuscum, and therswith vresse
the sores, and they wil heale in shorte
time, though they were never so old : and
therefore if thou wilt understand wheres-
foxe

Of preparing of Mineralles.

See it serveth: loke in my pearl of Chirurgery, and also in the Chirurgery of Paracelsus.

To make oile of Metalles, and first of
Lead and Tin.

If you will make oile of these two Metalles, ye must first calcine them, as I have shewed you, and then dissolve them in the aforesaid Strong water, and when they be dissolved let them stand till it bee as cleare as a glasse, then distil away the water by a Limbecke till it remaine dry, and when it is dry, put thereon good distilled vineger, and let it in bals^e Maria to dissolve a whole day, and let it boyle, and then let it ware colde and settle, then poure off that parte which is cleare and distill it in an other glasse, and when your matter is dry, put thereon other distilled vineger, and let it bothe so long until it be dissolved, then distill away the vineger, and then put on more vineger: this dissolving & distilling ye shall use so long until the matter remaine in the bottom like oyle, then put it forth whil^e

Of preparing of Mineralles.

it is yet warm, for when it is cold it is so tough as ye cannot get it from the glasse: This oyle so made is most excellent, for it helps woundes and sores in very short time: and moreover, there is no oyle amongest al the secretes of phisick or surgery that heales a wound sooner then this oyle doth, for it helps them in 24 houres, so as there bee no bones broke or cut, &c. There is an other manner of making of this oile which is better, whereof we wil not write in this place.

To make oyle of copper, and of crocum marcu, or yron.

These mettalles yee must first calcine, and then dissolve them in strong wa-
ter, then put thereon raine water til the
mettall smicke to the botome, then put to
so much raine water till it haue no taste
of the strong water, then dry it wel & put
thereon distilled vineger, and set it in
Balnes to dissolve, then distil away the vi-
neger till it remayne dry, then put there-
on

Of preparing of Mineralles.

on fresh vineger, and distill that away till
that the matter remain drie: and this oile
ther ye shal use till that the matter remain
moist in the bottome like oile. This oile
is of like vertue as the other, and there-
fore we will write no more therof in this
place.

To make Oyle of Quicksiluer.

If thou wilst make this oile, yee must
haue Mercurie first or els it wil not serue
to our use: therefore take that which is
first and put it in strong water, and set it
in Balneo to dissolve, and set theron a head,
and when it is dissolved let it settle, and
then pour of that part which is cleer and
distill it in Balneo Marie, and your Mer-
cury will remaine in the bottome, then
put thereon raine water, and washe it so
long that the water haue no taste of the
strong water, but remaine as sweete as
ye put it on: then put thereon distilled
vineger, and set it in Balneo Marie a
whole daie till it be dissolved, then distill
the vineger away, and put theron fresh, &
set it in Balneo Marie againe to dissolve,
and

Of preparing of Mineralles.

and then distill it away againe: and this
oysnge shal distill that it remain like an
olie in the bottom: then take it forth and
keep it in a glasse close shut, least it shuld
lose his strenght. This oylie is of a great
operation in fresh wounnes as the other
aforesaid are: it is above al other against
the pore to be vsed outwardly, for it hel-
peth all sores that come of the pore, if yee
anoint the sores therewith and in the
soresaid maner: Ye may make oilies of all
Metalls but they are not to bee taken in-
wardly, and therefore I will shew thee
another order how you shal make oilies of
all the Metalls to use inwardly.

To make oyle of gold, the which is distilled
through the helme, and it is to be vsed
both inwardly and out-
wardly.

If then wylt make oyle of gold, yee shall
take his salt of the whiche we haue made
mention afore, & putt it into a glasse with
a long neck, and mise the glasse fast with
bernes sel, that is with a paire of gloing
tongs

Of preparing of Mineralles.

tongues, as I wil shew you hereafter: the
ye shall set the saide glasse in a calcining
furnace, with a fire so temperat as though
it stood in the sun, and there ye shall let
it stand 8. daies, and then increase the fire
other 8. daies, till that ys see it begin to
ware yellow, and then keepe thy fire in
that heate till that thou see st thy glasse al
yellow, and then increase thy fire a littis
till that ye see it wares a browner yellow:
and when ye see that, ys shall keepe it in
that heate eight daies, and then if yo ses
it chaunge no colour, increase your fire a
little more eight daies, and then ye shall
see it war red, and when it is indifferent
red, ye shal increase your firs again eight
daies, till that ye see it a browne redde,
then ye may give it a greater firs, for it
is firt, and no fire can consume it: and whē
ye haue kept it eight daies in suchē a
great heate, ye shall let it ware colde, and
if ye will make this oile, ye shall grind it
in fine powder, and put it into a stons pot,
and put thereon distilled vineger, and
set it in Balneo Mysis to dissolve somē
daies long, then let it settle and poure
of the cleare parts, and put thereon more
vineger

Of preparing of Mineralles.

vineger and stop the pot very close, & set it againe other soure daies in *Balneo Mariae* to dissolve, and euery day ye shal stirre it two or thre^e times with a sticke, then let it ware colde and settle, and poure of the cleere partes, and then put thereon fresh vneger, and set it to dissolve againe, and let it stand and settle vntill the fift day in the morning, then let it ware cold & settle, and then poure off the cleere parts, and if there remaine any thing in the pots bottom, cast it out, for it is not profitable for our work, then wash the pot very cleane, and put therein the said Vineger that ye boiled afore, and distill it per *Balneo Mariae* vntill it be dry, and ye shall finde the powder fairer then it was afore, and then put thereon fresh vineger, and set it to dissolve in *Balneo Mariae*, as is laid afore. And when it hath stood soure daies, ye shal poure it cleere off, and looke if there remaine any seces or powder in the bottom, and if there be any you shal poure it out, and make the pot cleane, and put therein the fift vineger which ye poured off, and distill it agayne per *Balneo Mariae*, vntill that is remaine dry: then put theron fresh vineger

Of preparing of Mineralick.

vineger, and dissolue it as I have shewed you, and then poure of the Vineger and distill it againe, and this ye shall see, unel you finde no more sand in the bottome. But that it is all dissolued, and then it is prepared to make his oile of, then distill that last vineger away per Balneo Marie, untill that it be very drye, then put it into a glasse with a head and a great receiver, the which ye must late together very wel that no aire may come sooth; then glise it small fire four houres long, and then increaseth it a little stronger, and so keepe it other foire houres, and then ye shall see certaine yellowe fumes rise up into the head, then keepe thy fire in that degree, untill that thou seest the head waveren, then increase your fire a little, until that the head be as red as bloud, then keepe thy fire in that stede, untill thou seest the rouler begin to flake. Then make thy fire greater, untill that the bottome of the vessel bered, and then keepe it in that say one houre, and then thy head will seeme to be full of fumes. Then make thy fire as great as thou canst, untill the head seeme cleare againe as it was at thy first. Then let

Of preparing of Mineralles.

vineger and stop the pot very close, & set it againe other soure daires in Balneo Marie to dissolve, and every day ye shal stirre it two or thre^e times with a sticke, then let it ware colde and settle, and poure of the cleere partes, and then put thereon freshe vineger, and set it to dissolve againe, and let it stand and settle vntill the fift day in the morning, thē let it ware cold & settle, and then poure off the cleere parts, and if there remaine any thing in the pots bot-
tome, cast it out, for it is not profitable for our work, then wash the pot very cleane, and put therein the said Vineger that ye boiled afore, and distill it per Balneo Ma-
rie vntill it be dry, and ye shall finde the powder fairer then it was afore, and then
put thereon fresh vineger, and set it to
dissolve in Balneo Marie, as is said afore.
And when it hath stood soure daires, ye shal
passe it cleere off, and looke if there re-
maine any seces or powder in the bottom,
and if there be any you shal poure it out,
and make the pot cleane, and put therein
the faire vineger which ye poured off, and
distill it away per Balneo Marie, vntill
that it remaine dry: then put theron fresh
vineger

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Of preparing of Mineralick.

Vineger, and distill it as I have shewed you, and then pourre of the Vineger and distill it again, and this ye shall do, until you finde no more sand in the bottome. But that it is all dissolved, and then it is prepared to make his oile of, then distill that last vineger away per *Balme Marie*, untill that it be very drye, then put it into a glasse with a head and a great receiver, the which ye must lute together very wel that no aire may come so rh; then gime it small fire four hours long, and then increasse a little stronger, and so keape it other four hours, and then ye shall see certaine yellowe fumes rise up into the head, then keepe thy fire in that degree, untill that thou feel the head waret, then increase your fire a little, until that the head be as red as blood, then keepe thy fire in that state, untill thou see the red color begin to flake. Then make thy fire greater, untill that the bottome of the vessel be red, and then keepe it in that Ray one houre, and then the head will seeme to be full of fume. Then make the fire as great as thou canst, untill the head seeme cleare againe as it was at the first. When

let

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Of preparing of Mineral Oyle

it ware color, and thou shalt finde an oyle
in the recevice, the which is not to bee
bought for any money: for because it hel-
peth al diseases in mans boode, both in-
wardly and outwardly: although they
bee never so euill, as the Pestilence, the
spore, the wolfe, the canker, consumpti-
ons, the droppie, and the leper, if so bee
that it came not by nature of the father &
mother: And the order to take it is this:
Ye shall take a pot of wine and put there-
in 3. i. of this oyle, and give the sick ther-
of to drinke in the morning, and let hym
lie in his bed and sleepe, and then thou
shalt see his wonders. And if so bee that
the patient be ful of sullen humours, and
that hee shall need purging, it will cause
nature to cast forth either by streate, or
drinke, or by vomite, or downward, as
long as the patient shal haue need, and
then straightwaies amend and ware stro-
nger: Then if hee had eate a whole capon,
and then if the patient do purge no more
by any of the said meanes aforesaid, yee
shal giue it hym but three daies. For if he
do purge more then one daie, it is a token
that he is ful of corruption, as of the le-
prosie

Of preparing of Mineralled.

wofe, and the pere. for those are so full of corruption, so that he cannot be holpe in one day by nature. Therefore ye shal give it more then three daies, that is thus to be understand, ye shal give it him so long that nature purgeth no more, and that ye may see that the patient warcketh very strong, for this medicine worketh with the helpe of nature a long time after, and therefore this medicine is pretious, and of too quicke operation to giveth a sicke person wher no neede is. But as for the Wolfe and the canker, and suchlike outward sores, ye shal understand, that there is need of no other helpe then the aforesaid drinke, as is said afore: and ye shal lay upon the sore a cole leafe or lint, and you shall see great abundance of stale and rotten bloud and such like cometh forth: The which is scant to be beloued, and then those holes or sores wil incarnat, and heals of themselves without fault.

FINIS.